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AR-C360P

EFI Printing Guide

59379401

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Sharp AR-C360P EFI Printing Guide

P/N 59379401, Revision 1.1

September, 2005

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Reorient or relocate the receiving antenna.

Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.

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This equipment has been tested concerning compliance with the relevant RFI protection requirements both individually and on system level (to simulate normal operation conditions). However, it is possible that these RFI Requirements are not met under certain unfavorable conditions in other installations. It is the user who is responsible for compliance of his particular installation.

Dieses Gerät wurde sowohl einzeln als auch in einer Anlage, die einen normalen Anwendungsfall nachbildet, auf die Einhaltung der Funkentstörbestimmungen geprüft. Es ist jedoch möglich, dass die Funkentstörbestimmungen unter ungünstigen Umständen bei anderen Gerätekombinationen nicht eingehalten werden. Für die Einhaltung der Funkentstörbestimmungen einer gesamten Anlage, in der dieses Gerät betrieben wird, ist der Betreiber verantwortlich.

Compliance with applicable regulations depends on the use of shielded cables. It is the user who is responsible for procuring the appropriate cables.

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Electronics for Imaging

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About the Documentation

This manual is part of a set of Fiery documentation that includes the following manuals for users and system administrators. Most are available as Acrobat PDF (Portable Document Format) files on the User Documentation CD.

- The *EFI User Software Installation Guide* describes how to install software from the User Software CD to enable users to print to the Fiery, and also describes setting up printing connections to the Fiery.
- The *EFI Configuration Guide* explains basic configuration and administration of the Fiery for the supported platforms and network environments. It also includes guidelines for setting up UNIX, Windows NT 4.0/2000/Server 2003, and Novell NetWare servers to provide printing services to users.
- The *EFI Printing Guide* describes the printing features of the Fiery for users who send jobs from their computers.
- The *EFI Color Guide* provides information on managing the color output of the Fiery. It explains how to calibrate your Fiery and take advantage of the ColorWise® color management system, as well as features in ColorWise Pro Tools™.
- The *EFI Color Reference* addresses concepts and issues associated with managing color output of the Fiery and outlines key workflow scenarios. In addition, it offers information on printing color documents from popular Microsoft Windows and Apple Mac OS applications.
- The *EFI Job Management Guide* explains the functions of the job management utilities, including Command WorkStation™, Command WorkStation LE™, and DocBuilder Pro™, and how you can use them to monitor and control jobs on the Fiery. This manual is intended for an operator or administrator, or a user with the necessary access privileges, who monitors and manages job flow, performs color calibration, and troubleshoots problems that may arise.
- *Release Notes* provide last-minute product information and workarounds for some of the problems you may encounter.

Introduction

The Fiery Network Controller for Sharp AR-C360P is used to print final documents or proof jobs that will be printed later on an offset press. You can send a print job to the Fiery as you would to any other printer—select it in the Print dialog box and then print from any application on your computer.

Note: The term "Fiery" is used in this manual to refer to the Fiery Network Controller for Sharp AR-C360P . The name "Aero" is used in illustrations to represent the Fiery. The term "Windows" is used to refer to Windows 98, Windows Me, Windows NT 4.0, Windows 2000, Windows XP, and Windows Server 2003, wherever appropriate. The term "Setup" is used to refer to configuring the Fiery for proper performance in your network environment, including settings that affect all jobs. The term "job management tools" is used to refer to Command WorkStation, Command WorkStation LE, and Fiery Spooler™.

Although it may not be the case at all sites, it is assumed that an operator controls and manages jobs sent by users from remote workstations. For information on the features of the job management tools, see the *Job Management Guide*.

About this manual

This manual is intended for remote users who send jobs via the network to the Fiery. It covers the following topics:

- Printing from a Windows computer
- Printing from a Mac OS computer
- Printing from a UNIX workstation
- Downloading files and fonts using Fiery Downloader™ and Fiery WebDownloader™
- Printing variable data documents
- Using the EFI Converter

- Using Hot Folders
- Monitoring jobs and accessing information using EFI Fiery WebTools™ and EFI Job Monitor™
- Printing using the Fiery E-mail Service
- Specifying and overriding job settings, generating a list of fonts installed on the Fiery, and troubleshooting information

Chapter 1: Printing from Windows Computers

This chapter describes printing to the Fiery from Windows computers. You can print from a networked Windows computer or a computer using Windows (WINS) printing. You can also print to a file so that it can be printed at a remote location (see "Saving files to print at a remote location" on page 1-41). In addition to these methods, you can download files to the Fiery using Fiery Downloader (see Chapter 4), and print documents using Hot Folders and Fiery E-mail Services (see Chapter 6 and Chapter 8, respectively).

Note: For information on setting up the Windows environment for printing with Windows servers connected to the Fiery, see the *Configuration Guide Chapter 2*. For information about connecting to the Fiery over the network, installing printer drivers, and installing Fiery® utilities, see the *User Software Installation Guide Chapter 1*.

Printing from applications

Once the Fiery printer driver is installed and set to the proper port, as described in the *User Software Installation Guide*, you can print directly from most Windows applications. Set the print options for the job and choose the Print command from within your application.

To achieve the best printing results from specific applications, see the *Color Guide* and the *Fiery Color Reference*.

Setting options and printing from Windows computers

To print from Windows computers, install the corresponding PostScript printer driver. The drivers are included in the Fiery User Software CD. Once the printer driver and a corresponding printer description file are installed, you can specify print settings for a particular job and print it to the Fiery. You can also set default print settings using the driver.

To print from Windows applications by connecting your computer to a print server via the network, a Novell NetWare, Windows NT/2000/Server 2003, or UNIX server is required. For more information, see the *Configuration Guide* *Chapter 2*.

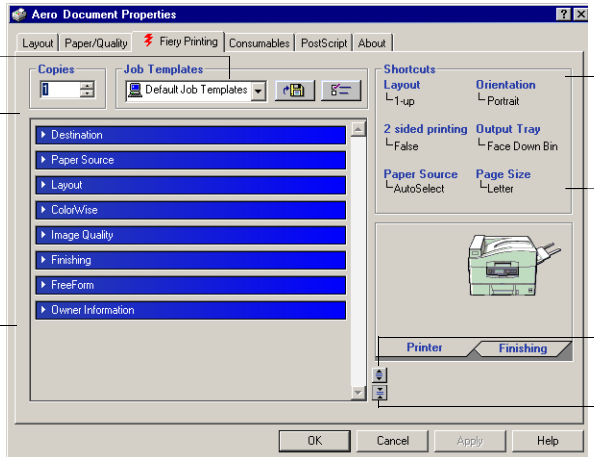
To print from Windows applications without connecting to a print server, you can use Server Message Block (SMB) printing. For more information, see Chapter 1 of the *User Software Installation Guide*.

The following procedures explain how to use the driver to specify print options. For information about specific print options, see Appendix A.

Note:The following procedures use Windows 2000 illustrations.

To set print options for a specific Windows print job using the PostScript printer driver

1. **Choose Print in your application.**
2. **Select the Fiery as your printer and click Properties.**
3. **Click the Fiery Printing tab.**



Job Templates, see page 1-22

Print option bars, see below

Shortcuts, see page 1-26

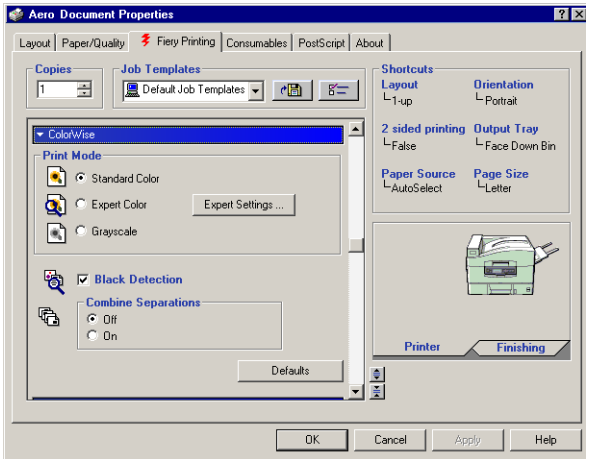
Click to display all print options

Click to hide all print options

The Fiery Printing tab serves as the control center for all frequently used printing functions.

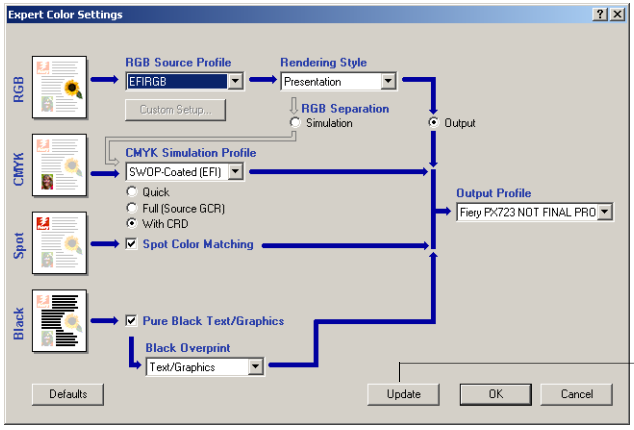
Note:Supported tabs and print options may vary between Windows 98/Me, Windows NT 4.0, and Windows 2000/XP/Server 2003. For a complete list of print options, see Appendix A.

4. Click the ColorWise print option bar.



In the Print Mode area, specify the color mode for the job. To use advanced color management features, such as Rendering Style, click Expert Settings and proceed to step 5; otherwise, skip to step 7.

5. In the Expert Color Settings dialog box, click Update to display the current Fiery settings.

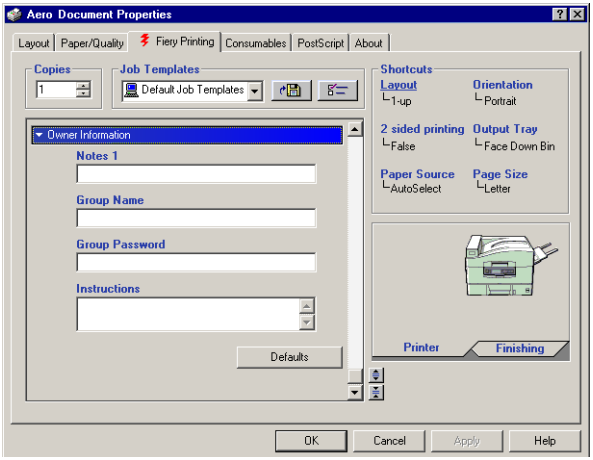


Click Update

If the Update button does not appear, make sure Two-Way Communication is set up, as described in Chapter 1 of the *User Software Installation Guide*.

6. **Specify the color settings for the print job and click OK.**

7. **Click the Owner Information print option bar.**



Enter an account name in the Group Name field. The Group Name appears in the job management tools Job Log. The account name is defined by your administrator for managing purposes. Consult the administrator for the account name.

Enter a password in the Group Password field. The Group Password appears in the job management tools Job Log, but it is encrypted. The password is defined by your administrator for managing purposes. Consult the administrator for the password.

When the account name and password you entered match those defined by the administrator, your job is printed. Otherwise, an error is generated, and your job is placed in the Printed queue.

The administrator or operator can edit the Group Name and Group Password from the Command WorkStation/Command WorkStation LE Job Properties dialog box and Fiery Spooler Override Print Options dialog box. The Group Name appears in the job's Notes 2 field in the job management tools Job Log.

Note:Group Name and Group Password options are not available when printing to the Direct connection.

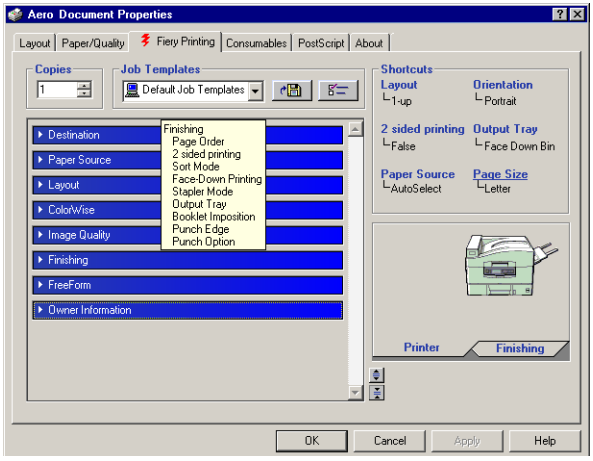
The information you enter in the Notes 1 field can be viewed by the operator at the job management tools and also appears in the Job Log. It cannot be edited or erased by the operator.

For more information on the job management tools, see the *Job Management Guide*.

In the Instructions area, enter instructions to the operator about the job and click OK. These instructions can be displayed in Command WorkStation/Command WorkStation LE, but do not appear in the Job Log. These instructions *can* be edited by the operator.

8. **Click the remaining print option bars to specify the appropriate settings for the print job and click OK.**

   To quickly find a print option you are looking for, move the cursor slowly over the print option bars. A menu appears for each print option bar, which displays print options available under the print option bar.



These print options are specific to the Fiery. They override settings specified in Fiery Printer Setup, but can be overridden from the job management tools.

For information about these options and overrides, see Appendix A.

For information on configuring installable options, see Chapter 1 of the *User Software Installation Guide*.

For more information about job management tools, see the *Job Management Guide*.

If you choose Printer's default, the job prints according to the settings specified in Setup. For more information, see Appendix A.

Note:If paper loaded in the selected tray is a different size, orientation, or media type than that of the job you are sending, the Fiery displays an error message and the job will not print. You should then load the correct paper in the selected tray or cancel the job.

Note:If you specify incompatible print settings, the Conflict dialog box provides instructions to resolve the conflict.

9. **From your application, click OK twice to send your print job.**

   Make sure the Fiery is selected as your current printer.

   Note:Some options listed in the printer driver could also be set from an application (for example, collation or Reverse Order). In these cases, use the driver option to perform the function, rather than setting it from the application. The application might not set up the file properly for printing on the Fiery, resulting in unexpected printing errors and longer processing time.

   Note:If the Fiery Mail Port is installed and the Status messages from Fiery option is selected in the E-Mail Port Configuration dialog box, you can receive an e-mail notification if a printing error occurs to your job. For more information on installing and configuring the Fiery Mail Port, see the *User Software Installation Guide*.

To set default print options for Windows print jobs using the Postscript printer driver

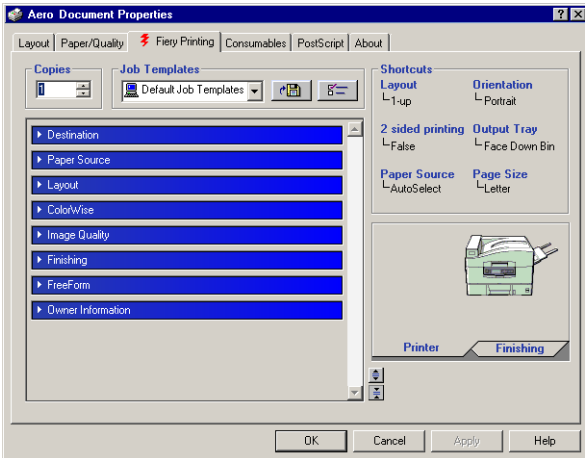
1. **Windows 98/Me/NT 4.0/2000: Click Start, choose Settings, and then choose Printers.**

   Windows XP: Click Start and click Printers and Faxes.

   Windows Server 2003: Choose Settings and then Printers and Faxes.

2. **Right-click the Fiery icon and choose Properties (Windows 98/Me), Document defaults (Windows NT 4.0), or Printing Preferences (Windows 2000/XP/Server 2003).**

   The Fiery Printing tab appears. If it does not, click the Fiery Printing tab.



3. **Specify the default settings for your print job, as described on page 1-15.**

4. **Click OK to close the dialog box.**

Accessing print options without opening print option bars

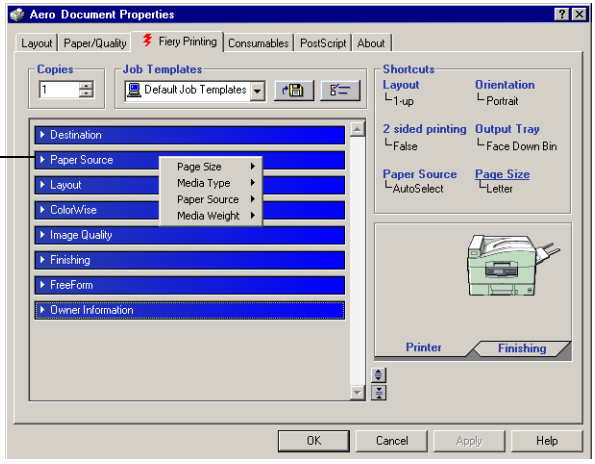
In the previous procedures, you accessed the Fiery print options by opening the print option bars. You can also access and change the print option settings by right-clicking the print option bars. When you right-click a print option bar, a list of print options within the print option bar appears, and you can change settings in the list for your print job.

To access print options without opening print option bars

1. **Open the Fiery Printing tab.**

2. **Right-click a print option bar.**

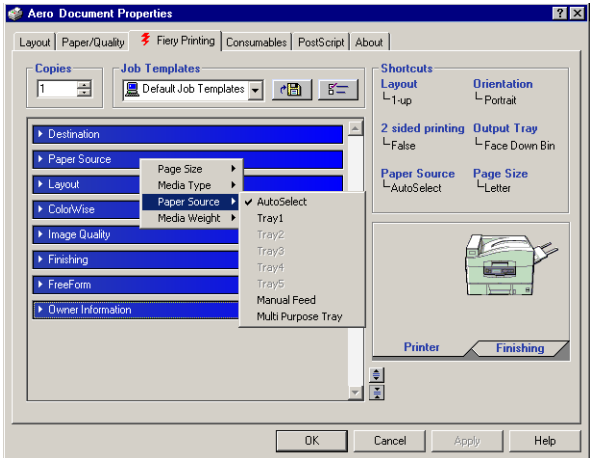
A list of print options within the print option bar appears.



Right-click the Paper Source print option bar

3. **Click or move and hold the cursor over the option to which you want to make a change.**

   Available settings appear.



4. **Click a setting of your choice.**

   Note:For the text-field options such as Group Name and Notes 1, you must click and open the print option bars to access them.

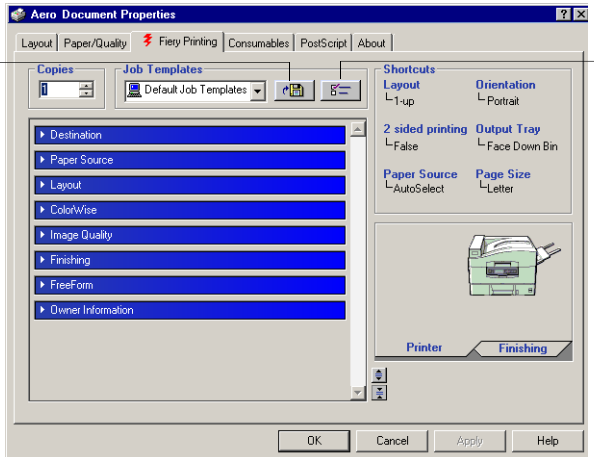
Using job templates

You can save print option settings to your hard disk so you can easily load specifically configured settings for a particular job as a template. You can also share templates over a network, using the Import and Export features.

To create a job template

1. **Make sure that Default Job Template appears in the Job Templates menu, and then configure options from the print option bars.**

   As soon as you change any settings, the Job Templates menu displays Untitled instead of Default Job Template.

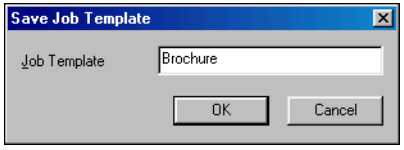


Save Current Job Template

Job Templates

2. **Click the Save Current Job Template button.**

3. **Enter a Job Template name and click OK.**



The name appears in the Job Templates menu.

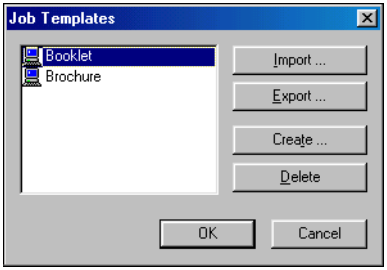
To load Job Templates

1. **From the Fiery Printing tab, click the Job Templates menu.**
2. **Choose the settings you want to use for your template.**

   The options are automatically configured.

To delete Job Templates

1. **From the Fiery Printing tab, click the Job Templates button.**
2. **Choose the templates you want to delete and click Delete.**



3. **Click Yes to confirm the deletion and click OK.**

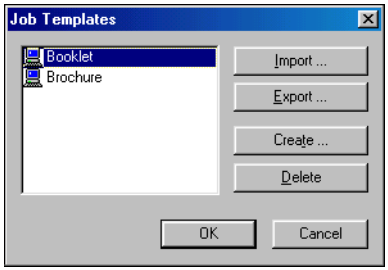
To modify Job Templates

1. **From the Fiery Printing tab, click the Job Templates menu.**
2. **Choose the template you want to modify and click OK.**

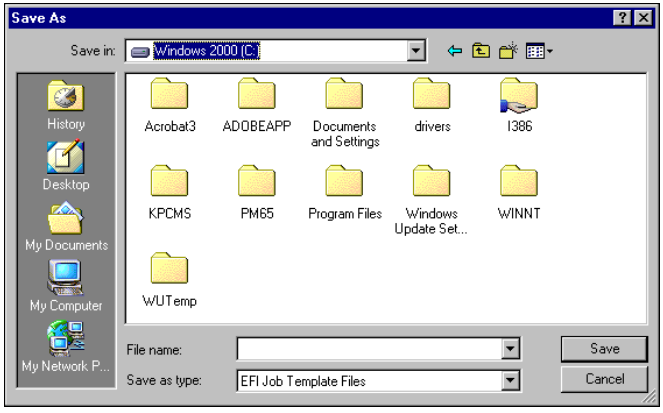
   The options are automatically configured with the currently saved settings.
3. **Configure your new settings from the print option bars and click the Save Current Job Template button.**
4. **Click OK to save the modified template.**

To export saved templates

1. **From the Fiery Printing tab, click the Job Templates button.**
2. **Choose the Job Templates you want to export and click Export.**



3. **Browse to the location in which to save the file, enter a file name, and then click Save.**



Note:The file name must include the .sav extension. The file name does not have to match the Job Template name.

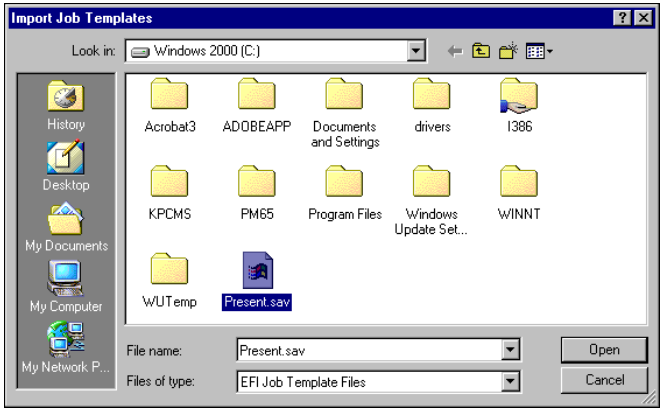
4. **Click OK.**

To import saved templates

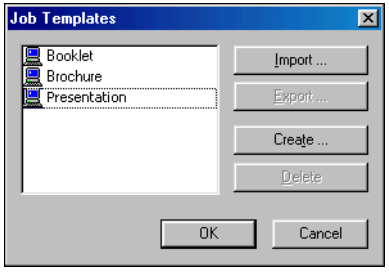
1. **From the Fiery Printing tab, click the Job Templates button.**
2. **Click Import.**

3. **Browse to the location of the saved template file you want to import.**

4. **Select the file and click Open.**



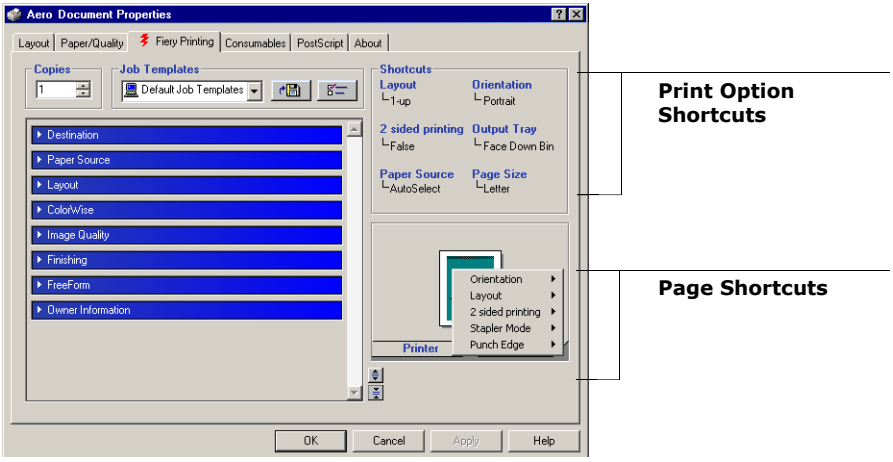
5. **Click OK in the Import Job Templates dialog box.**



Note:When you import job templates, they appear in the Job Templates menu under the Job Template, not the file name. In the preceding examples, the file present.sav (file name) was imported, but it appears in the Job Templates menu as Presentation (Template Name).

Shortcuts

The Properties or Printing Preferences dialog box has two Shortcuts areas: Print Option Shortcuts area and Page Shortcuts area. This section discusses how to change print options using these Shortcuts areas and how to customize the Print Option Shortcuts area.



Using Shortcuts

The Print Option Shortcuts area of the driver interface displays the current settings for some of the most commonly used print options. You can access and change these settings quickly and easily using the Shortcuts. You can also access some page layout and finishing options by right-clicking the image of the page in the Page Shortcuts area.

To set print options using Print Option Shortcuts

1. **From the Fiery Printing tab, position your cursor over the print option you want to set.**

   The cursor changes into a hand.

2. **Click the selected print option and specify the appropriate settings.**

   The print option bar in which the selected print option is located opens, and the print option is highlighted. Alternatively, you can right-click the print option and click your selection from the menu that appears.

3. **Click Apply to make the new settings the default or OK to close the Properties dialog box.**

To set print options using the Page Shortcuts

1. **From the Fiery Printing tab, click the Finishing tab, position your cursor over the page image, and then right-click.**
2. **Specify the appropriate settings for the print options.**
3. **Click Apply to make the new settings the default or OK to close the Properties dialog box.**

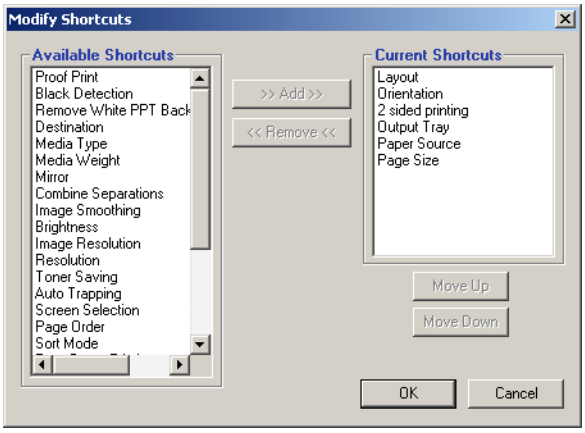
Customizing Print Option Shortcuts

You can customize the Print Option Shortcuts area so that you have easy access to most frequently used print options.

To customize the Print Option Shortcuts area

1. **Click Shortcuts in the Print Option Shortcuts area.**

   The Modify Shortcuts dialog box appears.



2. **Select an option to remove from the Current Shortcuts list and click Remove.**

   or

   double-click an option to remove in the Current Shortcuts list.

   The maximum number of the print options that can be displayed is six. By default, six print options appear in the Print Option Shortcuts area.

3. **Select an option you want to add from the Available Shortcuts list and click Add.**

   or

   double-click an option you want to add in the Current Shortcuts list.

   The new option item appears at the bottom of the Current Shortcuts list.

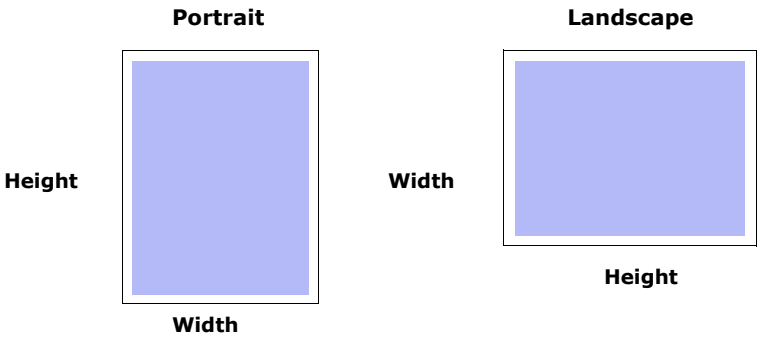
4. **To change the order of the Current Shortcuts, select an option in the Current Shortcuts list and click Move Up or Move Down.**

5. **Click OK to close the Modify Shortcuts dialog box.**

   Now, the Print Option Shortcuts area is customized.

Defining and printing custom page sizes

With custom page sizes, you can define the dimensions of a printed page. After you define a custom page size, you can use it from within an application without redefining it each time you print. When you create custom page sizes, specify Width dimensions to correspond with the shorter side of your job and specify Height dimensions to correspond with the longer side of your print job. Set custom page sizes this way, regardless of the orientation settings in the application.



Note:Custom page sizes are not supported with Imposition jobs.

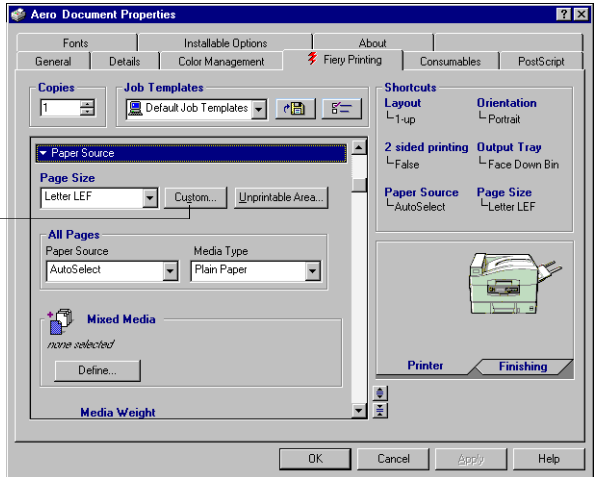
Note:Custom page sizes for Windows NT and Windows 2000/XP/Server 2003 cannot be set using the Fiery Printing tab. For more information, see "Working with custom page sizes in Windows NT 4.0" on page 1-32 and "Working with custom page sizes in Windows 2000/XP/Server 2003" on page 1-35.

Working with custom page sizes in Windows 98/Me

To define or edit a custom page size, or print your job on a custom page size in the Windows 98/Me PostScript printer driver, use the following procedures.

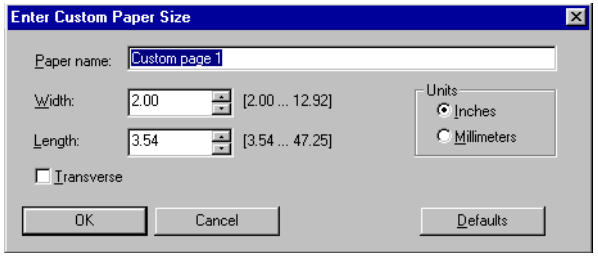
To define a custom page size with the Windows 98/Me printer driver

1. **Click Start, choose Settings, and then choose Printers.**
2. **Right-click the Fiery icon and choose Properties.**
3. **Click the Fiery Printing tab and click the Paper Source print option bar.**
4. **Click Custom.**



Click Custom

The Enter Custom Paper Size dialog box appears.



5. **Specify options to define the custom page size.**

   Paper name—Enter a name for your custom page size. The new custom paper name appears in the Document Size menu.

   Width—Enter the width of the print job.

Length—Enter the length of the print job.

Units—Select a unit of measurement for the print job.

Transverse—Select this option to swap Width and Length dimensions to correspond to the paper feed direction of the print job.

6. **Click OK.**
7. **To define the unprintable area of the custom page, click Unprintable Area, enter the desired information, and then click OK.**
8. **Click OK again.**

To edit a custom page size with the Windows 98/Me printer driver

1. **Click Start, choose Settings, and then choose Printers.**
2. **Right-click the Fiery icon and choose Properties.**
3. **Click the Fiery Printing tab and then click the Paper Source print option bar.**
4. **Choose the name of the custom page you want to edit from the Page Size menu.**
5. **Click Custom.**

   The Enter Custom Paper Size dialog box appears.
6. **Edit the settings, as described on page 1-30, and click OK.**

To print a custom page size with the Windows 98/Me printer driver

1. **Choose Print from your application.**
2. **Select the Fiery icon as the printer and click Properties.**
3. **Click the Fiery Printing tab, and then click the Paper Source print option bar.**
4. **Select a tray from the Paper Source menu.**

The custom page size must be defined and assigned to a tray at the Sharp AR-C360P control panel. For more information, see the Sharp AR-C360P User's Guide.

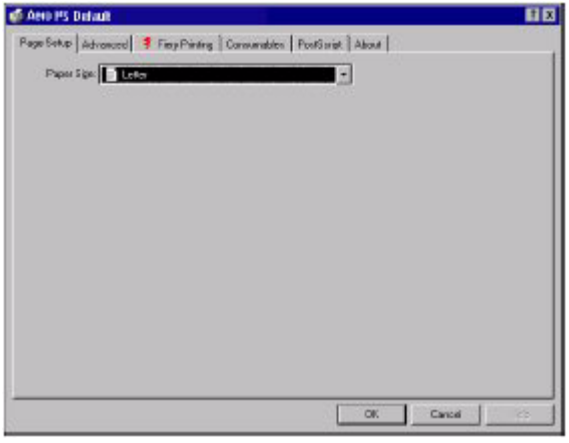
5. **Select the custom page size from the Page Size menu.**
6. **Click the Layout print option bar and select a setting from Orientation according to the way the custom size paper is loaded.**
7. **Click OK and then click OK again to print the job.**

Working with custom page sizes in Windows NT 4.0

With custom page sizes, you can define the dimensions of a printed page. After you define a custom page size, you can use it from within an application without redefining it each time you print.

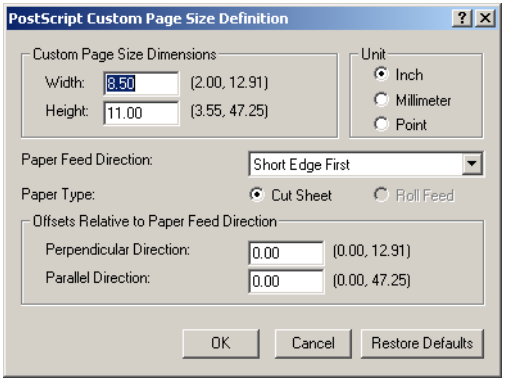
To define a custom page size with the Windows NT 4.0 printer driver

1. **Click Start, choose Settings, and then choose Printers.**
2. **Right-click the Fiery icon and choose Document defaults.**
3. **Click the Page Setup tab.**



4. **Choose PostScript Custom Page Size from the Paper Size menu.**

   The PostScript Custom Page Size Definition dialog box appears.



5. **Specify options to define the custom page size.**

   Custom Page Size Dimensions—Enter the width and height of the print job.

   Unit—Select a unit of measurement for the print job.

   Paper Feed Direction—Choose the paper feed direction of the print job.

   Paper Type—Only the Cut Sheet option is available.

   Offsets Relative to Paper Feed Direction—Enter the offsets (margins) of the print job relative to the paper feed direction.

6. **Click OK.**

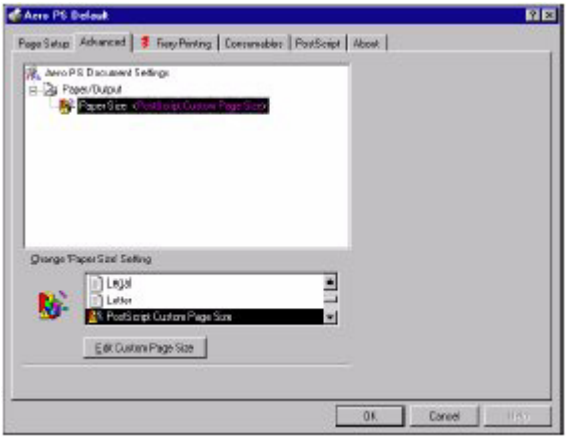
7. **Click OK to close the Document defaults dialog box.**

To Edit a custom page size with the Windows NT 4.0 printer driver

1. **Click Start, choose Settings, and then choose Printers.**

2. **Right-click the Fiery icon and choose Document defaults.**

3. **Click the Advanced tab.**



4. **If PostScript Custom Page Size is already selected as Paper Size, click the Edit Custom Page Size button. Otherwise, select PostScript Custom Page Size from Paper Size, and then click the Edit Custom Page Size button.**

   The PostScript Custom Page Size Definition dialog box appears.

5. **Edit the settings, as described on page 1-33, and click OK.**

To print a custom page size with the Windows NT 4.0 printer driver

1. **Choose Print from your application.**
2. **Select the Fiery as the printer and click Properties.**
3. **Click the Fiery Printing tab, and click the Paper Source print option bar.**
4. **Select a tray from the Paper Source menu.**

   The custom page size must be defined and assigned to a tray at the Sharp AR-C360P control panel. For more information, see the *Sharp AR-C360P User's Guide*.

5. **Select PostScript Custom Page Size from the Page Size option.**

6. **Click the Layout print option bar and select a setting from Orientation according to the way the custom size paper is loaded.**
7. **Click OK and then click OK again to print the job.**

Working with custom page sizes in Windows 2000/XP/ Server 2003

With custom page sizes, you can define the dimensions of a printed page. After you define a custom page size, you can use it from an application without redefining it each time you print.

Note:Windows 2000/XP/Server 2003 have a similar interface when setting options and printing. The following procedures use Windows 2000 illustrations with Windows XP/Server 2003 differences noted.

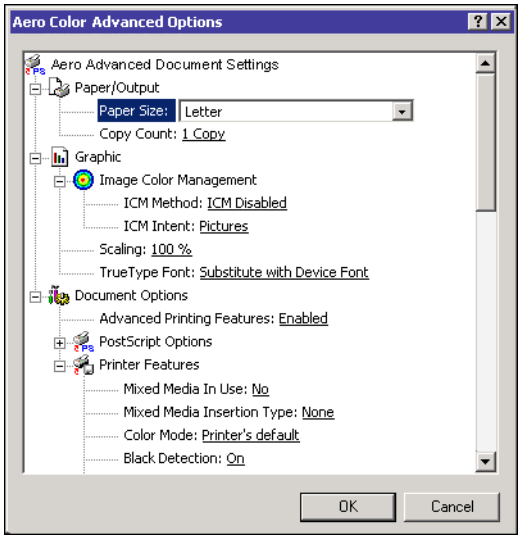
To define a custom page size with the Windows 2000/XP/Server 2003 printer driver

1. **Click Start.**
2. **Windows 2000: Choose Settings and then Printers.**

   Windows XP: Click Printers and Faxes.

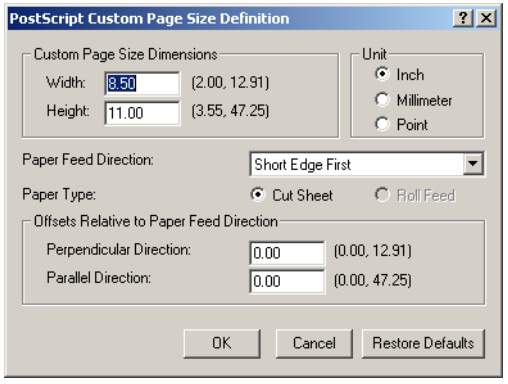
   Windows Server 2003: Choose Settings and then Printers and Faxes.
3. **Right-click the Fiery icon and choose Printing Preferences.**
4. **Click the Paper/Quality tab.**

5. **Click Advanced.**



6. **Choose PostScript Custom Page Size from the Paper Size menu.**

   The PostScript Custom Page Size Definition dialog box appears.



7. **Specify options to define the custom page size.**

   Custom Page Size Dimensions—Enter the width and height of the print job.

   Unit—Select a unit of measurement for the print job.

Paper Feed Direction—Choose the paper feed direction of the print job.

Paper Type—Only the Cut Sheet option is available.

Offsets Relative to Paper Feed Direction—Enter the offsets (margins) of the print job relative to the paper feed direction.

8. **Click OK to close the PostScript Custom Page Size Definition dialog box.**
9. **Click OK to close the Advanced Options dialog box.**
10. **Click OK to close the Printing Preferences dialog box.**

You can now specify the custom page size from an application.

Note:Access the Paper/Quality tab only for defining or editing custom page sizes. Set up the rest of the print options in the Fiery Printing tab.

To edit a custom page size with the Windows 2000/XP/Server 2003 printer driver

1. **Click Start.**
2. **Windows 2000: Choose Settings and then Printers.**

   Windows XP: Click Printers and Faxes.

   Windows Server 2003: Choose Settings and then Printers and Faxes.
3. **Right-click the Fiery icon and choose Printing Preferences.**
4. **Click the Paper/Quality tab.**
5. **Click Advanced.**
6. **Choose PostScript Custom Page Size from the Paper Size menu.**

   The PostScript Custom Page Size Definition dialog box appears. If it does not appear, click Edit Custom Page Size.
7. **Edit the settings, as described on page 1-36, and click OK.**

To print a custom page size with the Windows 2000/XP/Server 2003 Printer driver

1. **Choose Print from your application.**
2. **Select the Fiery as the printer and click Properties.**
3. **Click the Paper/Quality tab.**
4. **Click Advanced.**
5. **Select PostScript Custom Page Size from the Page Size option.**
6. **Verify the custom page size settings and click OK.**
7. **Click OK to close the Advanced Options dialog box.**
8. **Click the Fiery Printing tab and the Paper Source print option bar.**
9. **Select a tray from the Paper Source menu.**

   The custom page size must be defined and assigned to a tray at the Sharp AR-C360P control panel. For more information, see the *Sharp AR-C360P User's Guide*.
10. **Click the Layout print option bar and select a setting from Orientation according to the way the custom size paper is loaded.**
11. **Click OK and then click OK again to print the job.**

Viewing the printer status

The status of the printer consumables can be viewed from the PostScript driver's Printer Status tab.

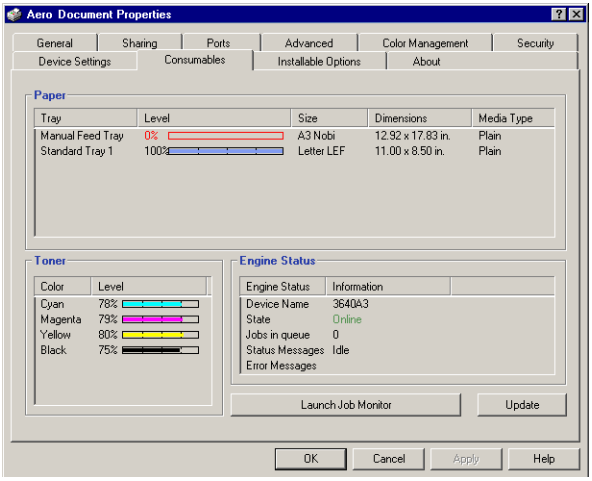
To view the status of the Fiery consumables

1. **Windows 98/Me/NT 4.0/2000: Click Start, choose Settings, and then choose Printers.**

   Windows XP: Click Start and choose Printers and Faxes.

2. **Right-click the Fiery PS or PCL icon and choose Properties.**

3. **Click the Printer Status tab and click Update.**



Paper

Tray—Displays the drawer name.

Level—Displays the amount of paper remaining in the specified drawer.

Size—Displays the size of paper in the specified drawer.

Dimensions—Displays the dimensions of the paper in the specified drawer in inches or millimeters.

Media Type—Displays the type of media loaded in the specified drawer.

Toner

Color—Displays the color of toners.

Level—Displays the status of toners.

Engine Status

This area displays the status of the Fiery at the time.

Saving files to print at a remote location

If you are preparing files to take to a service bureau or other location, print the final files to the File port (as opposed to one of the local ports). You can also print to the File port to create a file to download using Fiery Downloader. For instructions on printing to the File port, see your Windows documentation.

Chapter 2: Printing from Mac OS Computers

You can print to the Fiery just as you would print to any other printer from any application. If you are using Mac OS 8.6 or later or Mac OS X Classic, select the Fiery as the current printer in the Chooser, and then print the file from within the application. If you are using Mac OS X, you can choose the printer and print the file from within the application. In addition to this method, you can download files to the Fiery using Fiery Downloader (see Chapter 4), and print documents using Fiery E-mail Services (see Chapter 8).

Printing from applications with Mac OS 8.6 or later or Mac OS X Classic

Before you can print to the Fiery from applications, you must select the Fiery in the Chooser. Then, using the Adobe PostScript printer driver and the correct printer description file, you can control many Fiery printing features by specifying job settings from print dialog boxes.

To achieve the best printing results from specific applications, see the *Color Guide* and the *Fiery Color Reference*.

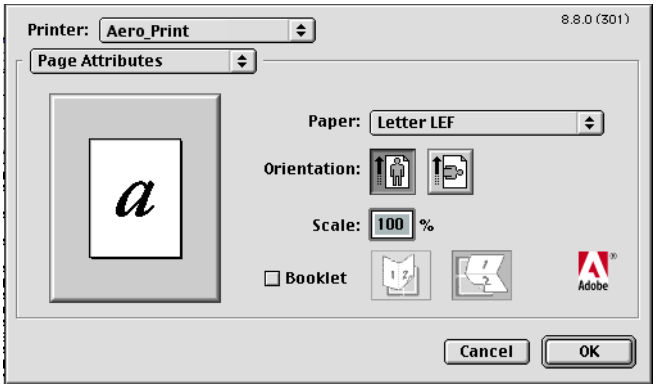
Setting print options and printing

In Mac OS applications, print options are set from both the Page Setup dialog box and the Print dialog box. For details on specific print options, see Appendix A.

Some default print options are set by the administrator during Setup. Contact the administrator or the operator for information on the current server default settings.

To set print options and print with the AdobePS printer driver

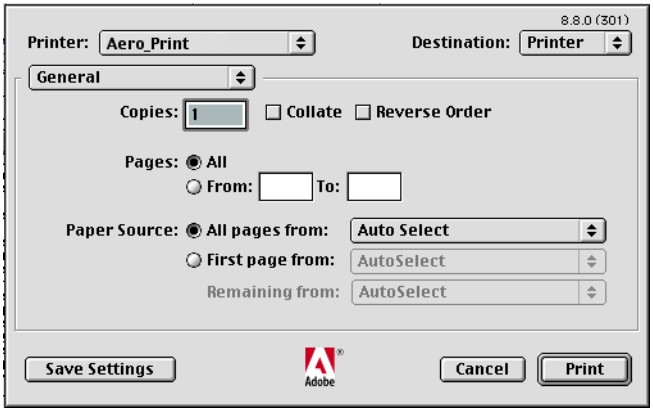
1. **Open a file and choose Page Setup from the application's File menu.**
2. **In the dialog box that appears, choose Page Attributes.**
3. **Select the Fiery as your printer.**



Note: Page Setup dialog boxes vary across applications.

4. **Select the Page settings for your print job.**
5. **Click OK.**
6. **Choose Print from the application's File menu.**

7. Select the Fiery as your printer and specify settings for the print options displayed.



Note: Print dialog boxes vary across applications.

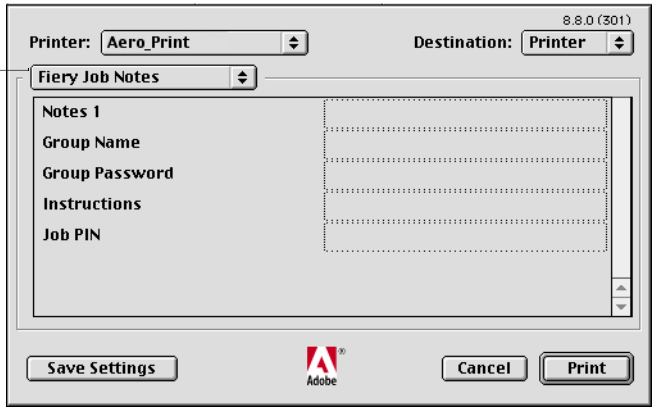
From the Paper Source menu, choose the paper tray for the job. For example, you can specify that the job be printed on paper using Tray 1.

The Paper Source selection is valid for the current job only.

Note: If paper loaded in the selected tray is a different size, orientation, or media type than that of the job you are sending, the Fiery displays an error message and the job fails to print. Load the correct paper into the selected tray or cancel the job.

8. Choose Fiery Job Notes.

Choose Fiery Job Notes



Enter an account name in the Group Name field. The Group Name appears in the job management tools Job Log. The account name is defined by your administrator for managing purposes. Consult the administrator for the account name.

Enter a password in the Group Password field. The Group Password appears in the job management tools Job Log, but it is encrypted. The password is defined by your administrator for managing purposes. Consult the administrator for the password.

When the account name and password you entered match those defined by the administrator, your job is printed. Otherwise, an error is generated, and your job is placed in the Printed queue.

The administrator or operator can edit the Group Name and Group Password from the Command WorkStation/Command WorkStation LE Job Properties dialog box and Fiery Spooler Override Print Options dialog box. The Group Name appears in the job's Notes 2 field in the job management tools Job Log.

Note:Group Name and Group Password options are not available when printing to the Direct connection.

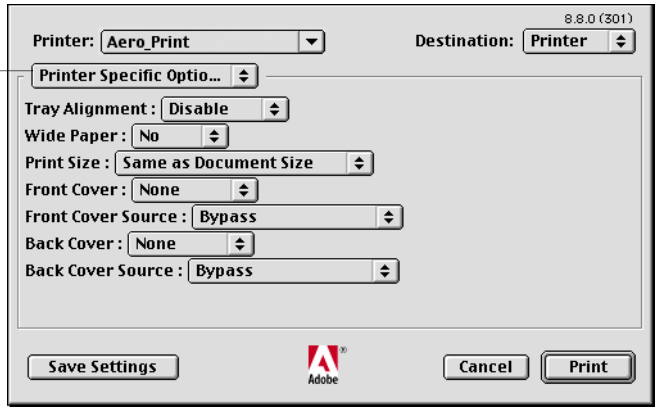
The information you enter in the Notes 1 field can be viewed by the operator at the job management tools and also appears in the Job Log. It *cannot* be edited or erased by the operator.

For more information on the job management tools, see the *Job Management Guide*.

In the Instructions area, enter instructions to the operator about the job. These instructions can be displayed in Command WorkStation, but do not appear in the Job Log. These instructions *can* be edited by the operator.

9. **Choose print options for your print job from the following pop-up menu items: Destination, Paper Source, Layout, ColorWise, Image Quality, Finishing, FreeForm, and Printer Specific Options.**

Choose Printer Specific Options



These print options are specific to the Fiery. You may have to scroll to see all the options. They override settings in Fiery Printer Setup, but can be changed from the job management tools.

If you choose Printer's default, the job prints according to the settings specified in Setup.

For more information about these options and overrides, see Appendix A.

Some print options, including Soft Collate, Soft Reverse Order, and Manual Duplex, that are selectable from an application or Adobe PS printing features are similar to the print options available from the Printer Specific Options menu. In these cases, specify the print option from the Printer Specific Options menu. The application or Adobe PS printer driver may not set up the file properly for printing on the Fiery, resulting in unexpected printing errors and longer processing time.

Note: If paper loaded in the selected tray is a different size, orientation, or media type than that of the job you are sending, the Fiery displays an error message and the job fails to print. Load the correct paper into the selected tray or cancel the job.

Note: If you specify incompatible print settings, a dialog box might appear. Follow the on-screen instructions to resolve the conflict.

10. **To make the new settings the default settings, click Save Settings.**

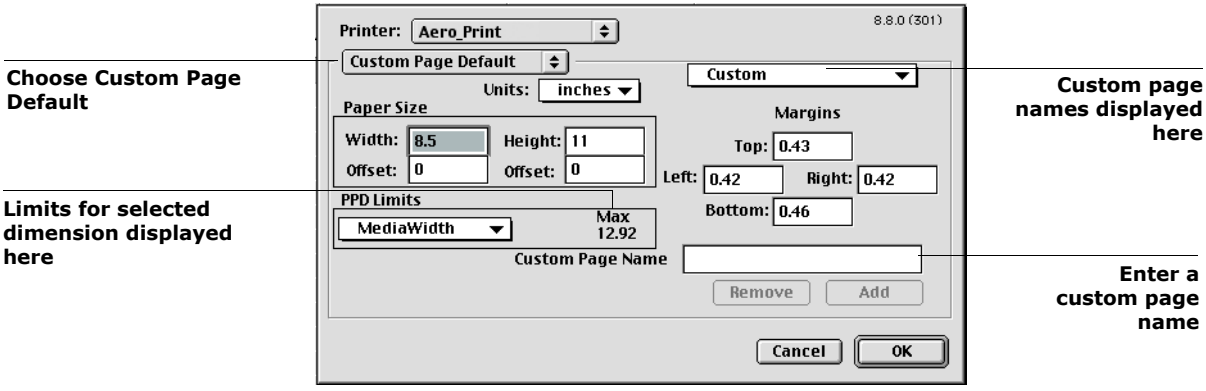
11. **Click Print.**

Defining custom page sizes

With custom page sizes, you can define page dimensions and margins. After you define a custom page size, you can use it from within an application, without redefining it each time you print.

To define a custom page size

1. **Choose Page Setup from the application's File menu.**
2. **For Paper, choose Custom.**
3. **Choose Custom Page Default.**
4. **Enter the page dimensions and margins.**



5. **To view the minimum and maximum sizes, click the PPD Limits menu.**

   If you enter invalid sizes, an error message appears. Click Cancel and enter sizes specified within the PPD Limits.

6. **To save this custom page size, enter a name and click Add.**

   Saved custom page sizes appear in the menu of page sizes in the upper-right corner of the dialog box. To remove a saved custom page size, choose it from the menu and click Remove.

   Click OK.

To edit a saved custom page size

1. **Choose Page Setup from the application's File menu.**
2. **Choose Custom Page default.**
3. **Select the Custom Page Size name.**
4. **Edit the page dimensions and margins.**
5. **Click Add.**
6. **Replace the existing Custom Page name and click OK.**

To print a custom page size

1. **Choose Page Setup from the application's File menu.**
2. **Choose Custom or the Custom Page Size name from the Paper menu.**
3. **Click OK.**
4. **Choose Print from your application's File menu.**

   Specify your printing options.
5. **Click Print.**

   You can also define a new custom page size in the Custom Page Size dialog box when you print to the Fiery. If you specify dimensions that match a particular regular page size, the Fiery processes the job as a regular page size job.

Printing from applications with Mac OS X

Once you install the Fiery printer description files using the PPD Installer, you are able to print directly from most Mac OS X applications. For more information about installing printer description files with the PPD Installer see, Chapter 2 of the *User Software Installation Guide*.

To achieve the best printing results from specific applications, see the *Color Guide* and the *Fiery Color Reference*.

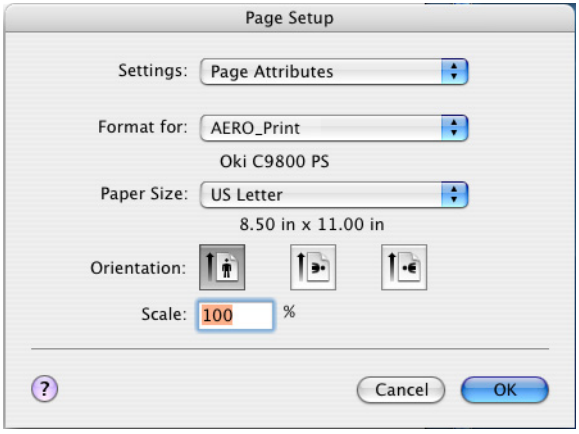
Setting print options and printing

In Mac OS X applications, print options are set from both the Page Setup dialog box and the Print dialog box. For details on specific print options, see Appendix A.

Some default print options are set by the administrator during Setup. Contact the administrator or the operator for information on the current server default settings.

To set print options and print with the PostScript printer driver

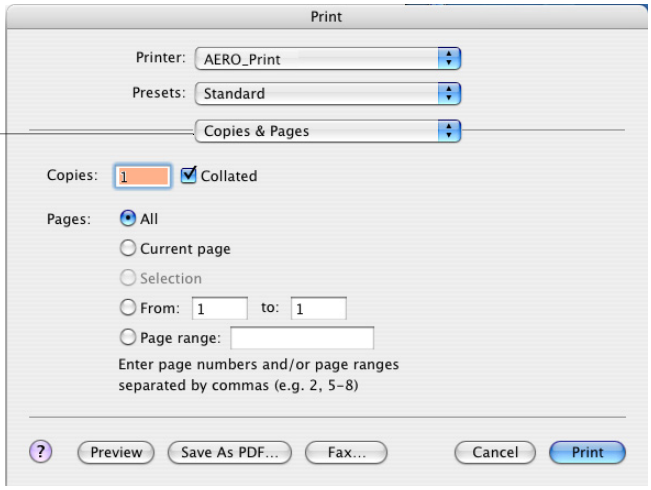
1. **Open a file and choose Page Setup from the application's File menu.**
2. **In the dialog box that appears, choose Page Attributes for Settings and the Fiery for Format for as your printer.**



3. **Select the Page settings for your print job.**
4. **Click OK.**
5. **Choose Print from the application's File menu.**

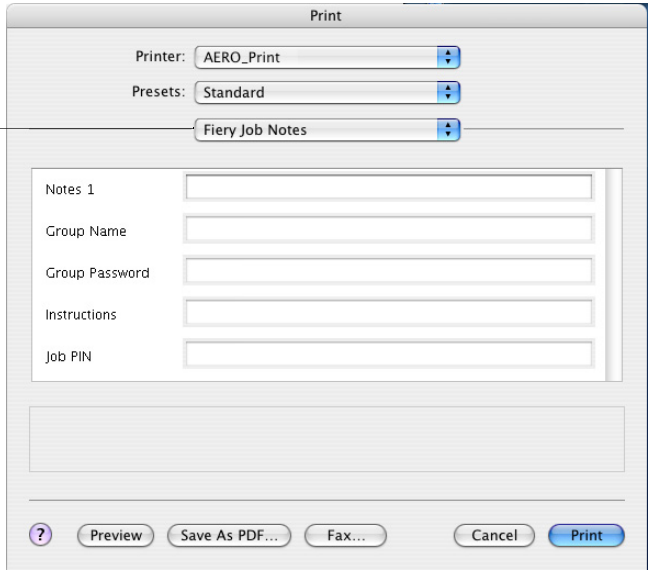
6. **Select the Fiery as your printer and choose an option category from the menu that appears.**

   You can change the print option settings for each category.



Choose print categories

7. **Choose Fiery Job Notes.**



Choose Fiery Job Notes

Enter an account name in the Group Name field. The Group Name appears in the job management tools Job Log. The account name is defined by your administrator for managing purposes. Consult the administrator for the account name.

Enter a password in the Group Password field. The Group Password appears in the job management tools Job Log, but it is encrypted. The password is defined by your administrator for managing purposes. Consult the administrator for the password.

When the account name and password you entered match those defined by the administrator, your job is printed. Otherwise, an error is generated, and your job is placed in the Printed queue.

The administrator or operator can edit the Group Name and Group Password from the Command WorkStation/Command WorkStation LE Job Properties dialog box and Fiery Spooler Override Print Options dialog box. The Group Name appears in the job's Notes 2 field in the job management tools Job Log.

Note:Group Name and Group Password options are not available when printing to the Direct connection.

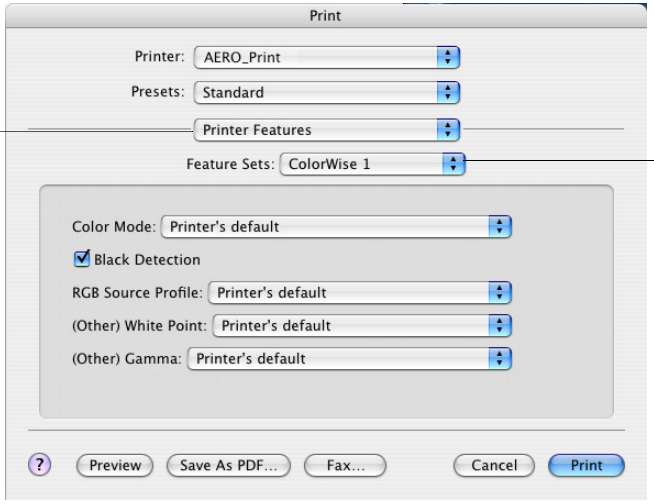
The information you enter in the Notes field can be viewed by the operator at the job management tools and also appears in the Job Log. It *cannot* be edited or erased by the operator.

For more information on the job management tools, see the *Job Management Guide*.

In the Instructions area, enter instructions to the operator about the job. These instructions can be displayed in Command WorkStation/Command WorkStation LE, but do not appear in the Job Log. These instructions *can* be edited by the operator.

If you decide not to send the information in any of the fields to the Fiery, click to clear the check box to the left of the option. You do not have to delete the information in the field. When the check box is cleared, the information you enter is saved but not sent to the Fiery.

8. **Choose Printer Features and specify the appropriate settings for your job.**



These print options are specific to the Fiery; you have to choose specific Feature Set categories to see all the options. They override settings in Fiery Printer Setup, but can be changed from the job management tools.

If you choose Printer's default, the job prints according to the settings specified in Setup.

For more information about these options and overrides, see Appendix A.

Some print options, including Soft Collate, Soft Reverse Order, and Manual Duplex that are selectable from an application or the PostScript printer driver, are similar to the print options available from the Printer Features menu. In these cases, specify the print option from the Printer Features menu. The application or the PostScript printer driver may not set up the file properly for printing on the Fiery, resulting in unexpected printing errors and longer processing time.

Note:If you select an invalid setting or combination of settings when printing a document, no error message appears. For example, you may be able to select duplex printing on transparency media. Invalid settings and combinations are ignored by the Fiery.

9. **Click Print.**

Chapter 3: Printing from UNIX Workstations

You can print to the Fiery directly from UNIX workstations. Jobs printed to the Fiery are sent to the Print or Hold queue and can be manipulated from Command WorkStation/Command WorkStation LE or from Windows and Mac OS computers on the network using Fiery Spooler.

Note:If you print to the Hold queue, an operator must intervene from the job management tools for the job to print; jobs sent to the Hold queue are spooled to disk and held.

For more information on using the job management tools, see the *Job Management Guide*.

The queue name and Fiery printer name are determined by your system administrator. Contact your system administrator for the names of your queues.

For information about setting up printing from TCP/IP, see your UNIX system documentation.

Printing to the Fiery

You can use UNIX commands to print PostScript and text files to the Fiery. In general, use basic print commands (lpr, lpq, lprm) to send print jobs to the Fiery. For information about UNIX commands, see the UNIX manual pages or other documentation.

To print from UNIX

- **On a system running Solaris 8, use the lp command to send a job to the Fiery, as follows:**

  lp -d <printername> -n <copies> <filename>

  For example, if the Print queue of your Fiery is named *print_Server*, your file is named *Sample*, and you want to print two copies, type:

  lp -d print_Server -n 2 Sample

To display a list of jobs in the queue

- **On a system running Solaris 8, use the lpstat command to see printer jobs in the queue, as follows:**

  lpstat -o <printername>

  For example, if the Print queue of your Fiery is named *print_Server*, type:

  lpstat -o print_Server

  Your workstation displays the contents of the queue.

To remove jobs from the queue

Note: Unless you log in as the *root* user, you can remove only your own jobs.

Note: On a system running Solaris 8, use the cancel command to remove jobs from the queue.

cancel <*printername*> <*job ID*>

For example, to remove job number *123* from the Print queue of your Fiery named *print_Server*, type:

cancel print_Server 123

Chapter 4: Downloading Files and Fonts

Fiery Downloader and Fiery WebDownloader allow you to send PostScript (PS), Encapsulated PostScript (EPS), Tagged Image File Format (TIFF), and Portable Document Format (PDF) files directly to the Fiery without using the application in which they were created. Fiery Downloader also allows you to manage printer fonts on the Fiery.

You can use Fiery Downloader or Fiery WebDownloader from a remote workstation. Fiery Downloader and Fiery WebDownloader require a network connection. For information on installing and configuring Fiery Downloader and Fiery Web Downloader on supported networking protocols, see the *User Software Installation Guide*.

Note:The Windows and Mac OS version of Fiery Downloader and Fiery Web Downloader are fundamentally the same; differences are noted in this section. Where both windows and Mac dialog boxes are illustrated, the Windows version comes first, followed by the Mac OS version.

You can also download files and fonts by using the Import feature in Command WorkStation. For more information, see the *Job Management Guide Chapter 2*.

Using Fiery Downloader or Fiery WebDownloader

You can use Fiery Downloader or Fiery WebDownloader to do the following:

- Check the status of the Fiery.

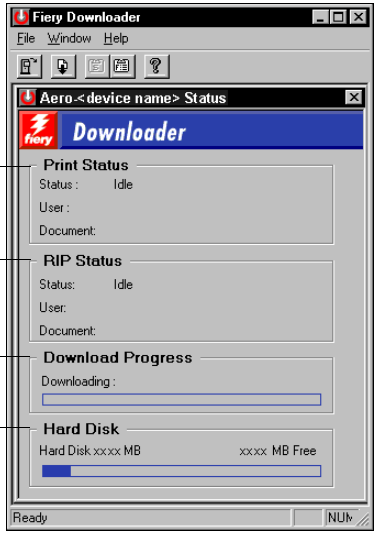
Note:This function is not available using Fiery WebDownloader, but it is available through the EFI Fiery WebStatus.

- Print PostScript, EPS, TIFF, and PDF files to the Fiery.
- Manage the printer fonts stored on the Fiery hard disk (this feature requires that the Direct connection be published on the Fiery).

Note: Fiery Downloader and Fiery WebDownloader are designed specifically for the Fiery; you cannot use them with any other printer.

To view information with Fiery Downloader

1. **Double-click the Fiery Downloader icon or choose Fiery Downloader from the Start > Programs menu.**
2. **Select the Fiery in the Chooser window and click OK (Windows) or Connect (Mac OS).**
3. **The Fiery Downloader Status window appears, displaying the Fiery Downloader toolbar, menus, and status bar.**
4.

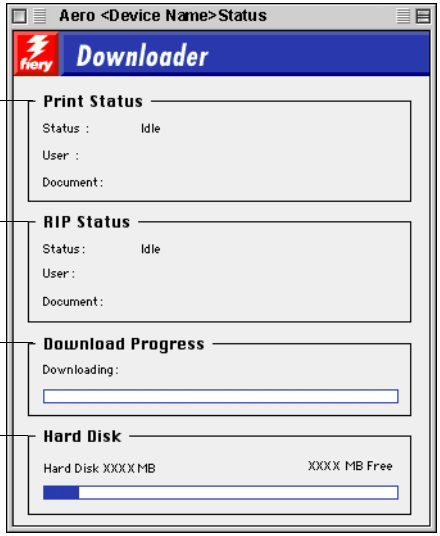


Displays server status and user and document name of the job currently printing

Displays server status and user and document name of the job currently processing

Dynamically displays the progress of the job

Displays the amount of available disk space



Displays server status and user and document name of the job currently printing

Displays server status and user and document name of the job currently processing

Dynamically displays the progress of the job

Displays the amount of available disk space

Buttons for some menu functions appear in the toolbar at the top of the window.

	Open	Click to connect to a different Fiery.
	Download	Click to download a file or font to the Fiery.
	Status	If you are viewing the Font List, click to display the status window for the current Fiery.
	Font List	If you are viewing the status window, click to display a list of printer fonts on the Fiery hard disk.
	About Fiery Downloader (Windows only)	Click to view version information about Fiery Downloader.

To view font information in the window, click the Font List button or choose Font List from the File menu.

5. **To select a different Fiery, choose Open from the File menu or click the Open button.**
6. **Select the Fiery in the dialog box that appears and click OK (Windows) or Connect (Mac OS).**
7. **To close the status window, choose Close from the File menu. To quit Fiery Downloader, choose Exit (Windows) or Quit (Mac OS) from the File menu.**

Downloading files and printer fonts

You can download a variety of file types, as well as fonts, to the Fiery. You can specify a limited number of print option settings for the files you download.

To download a file or font with Fiery Downloader

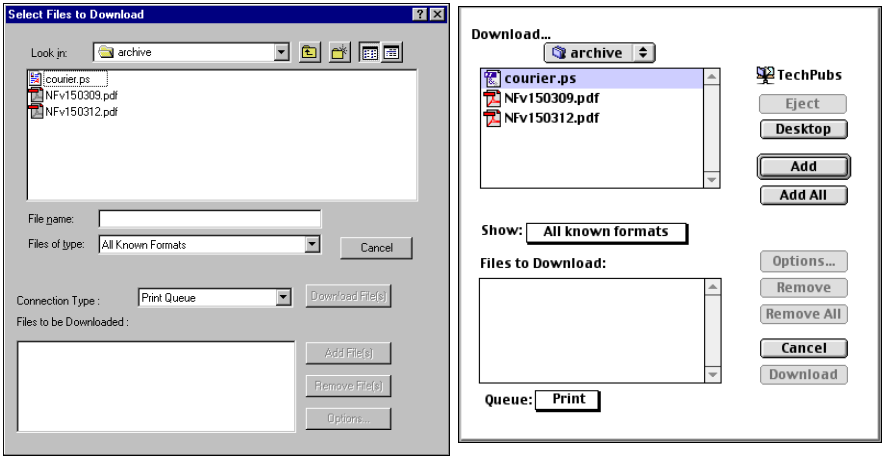
1. **Use your application to generate a file.**

   You can save a PostScript or PDF file by selecting the appropriate option in the application's Print dialog box. With some applications, you can also save EPS and TIFF files.

   If you experience problems printing EPS files with Fiery Downloader, you can print the file directly from the application in which you created it.

2. **Start Fiery Downloader.**

3. **Choose Download from the File menu or click the Download button.**



4. **Choose the file type to display from the Files of type (Windows) or Show (Mac OS) menu.**

   All Known Formats lists all files in formats supported by Fiery Downloader.

   You can download files and fonts in the same batch. If the fonts are used by files in the same batch, the fonts download first.

5. **Choose the Connection Type (Windows) or Queue (Mac OS) to which you will download the files.**

   The options available to you in this menu depend on the setup at your site. The potential selections are Print Queue (Windows) or Print (Mac OS), Hold Queue (Windows) or Hold (Mac OS), and Direct Connection (Windows) or Direct (Mac OS). If your administrator has not enabled one or more of these connections, you cannot select it.

   You cannot print PDF or TIFF files with the Direct connection. If you choose the Direct connection, the job is spooled to the Print queue and then printed. If the Print queue is not enabled, the job is spooled to the Hold queue and must be released for printing by the operator.

Note:To download fonts, you must use the Direct connection (make sure the Direct connection is published on the Fiery). If you do not have access to the Direct connection, you must embed any special fonts used by the file in the file when you generate it.

6. **Select the file name and click Add File(s) (Windows) or Add (Mac OS).**

   The File name field (Windows) displays the name of the selected file before you click Add.

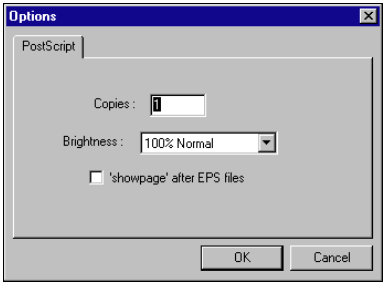
   You can navigate to different drives and directories to select files to download. Click Add All (Mac OS) to add all files in a folder.

   To select multiple sequential files (Windows), select the first file and then Shift-click the last file. Control-click to select multiple non-sequential files.

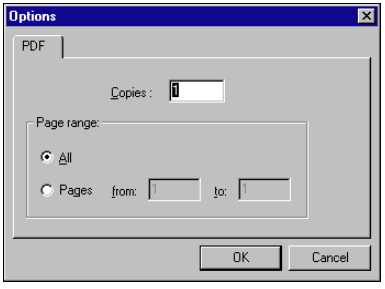
   If you change your mind about a file, select the file name in the Files to Download list and click Remove File(s) (Windows) or Remove (Mac OS).

   Click Remove All (Mac OS) to remove all files from the Files to Download list.

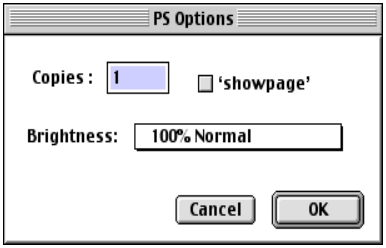
7. **To change the attributes of a file to be downloaded, select it and click Options.**



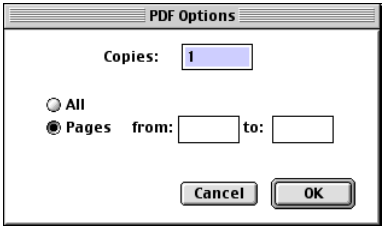
PostScript Options dialog box (Windows)



PDF Options dialog box (Windows)



PostScript Options dialog box (Mac OS)



PDF Options dialog box (Mac OS)

8. **Specify the following information in the dialog box and click OK.**

   The options you set apply only to the selected file. You can set different options, or leave the default settings, for each file.

   Copies—Enter the number of copies.

   Brightness (PostScript and EPS files only)—Change the Brightness setting if a file appears to be too dark or too light. Choose 85% for a substantially lighter image, 115% for a substantially darker image, or one of the options in between.

   Some applications, including Adobe Photoshop, provide transfer functions that allow you to specify density settings for an image. If the file you are printing includes transfer functions, the Fiery Downloader Brightness option has no effect. For more information on using transfer functions, see the documentation for your application.

   'showpage' after EPS files (Windows) or **'showpage'** (Mac OS) (PostScript and EPS files only)—In most cases, you do not need to use this option. Select the 'showpage' option only if an EPS file fails to print without it. This option adds a 'showpage' PostScript language command at the end of the print job. Some applications omit this necessary PostScript language command when they generate EPS files. Select this option when printing EPS files generated by these applications. If you select this option unnecessarily, extra blank pages might print.

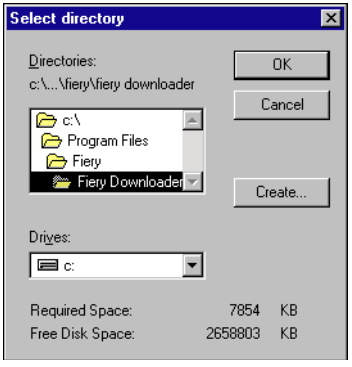
If you experience problems printing EPS files with Fiery Downloader, you can print the file directly from the application in which you created it.

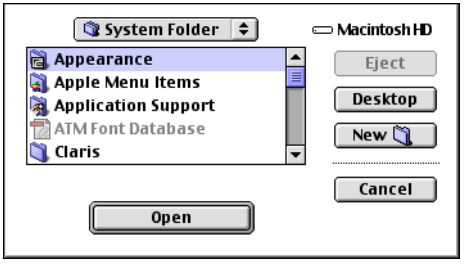
Page range (PDF files only)—Specify the page range you want to print.

9. **Click Download File(s) (Windows) or Download (Mac OS).**
10. **To cancel downloading, press Escape (Windows) or Command-. (Mac OS).**

To create a font backup

1. **Start Fiery Downloader.**
2. **Choose Back up fonts from the File menu.**
3. **Browse to the location in which to save the fonts.**





You can create a new directory by clicking Create (Windows) or New Folder (Mac).

4. **Click OK.**

   The font backup file is saved.

To restore fonts

1. **Start Fiery Downloader.**
2. **Choose Restore fonts from the File menu.**
3. **Open the font backup file from the saved location, and click OK (Windows) or Select this folder (Mac).**

   This will replace all the user fonts on the Fiery.

To Download files or fonts using Fiery WebDownloader

1. **Create a PostScript, EPS, TIFF, or PDF file.**
2. **Specify the appropriate print options, and include (embed) any necessary fonts that are not resident on the Fiery. For a list of fonts resident on the Fiery, see Appendix B.**
3. **Start Fiery WebTools and click Fiery WebDownloader. For more information on accessing Fiery WebTools, see page 7-103.**
4. **Select the print connection and the file you want to download.**

Managing printer fonts

The Fiery includes 136 PostScript fonts; for a complete list, see Appendix B. In addition, two Adobe Multiple Master fonts are included and used for font substitution in PDF files.

Before downloading a file that uses fonts not resident on the Fiery, you must download the fonts (unless the fonts are embedded in the file). To see what fonts are resident on the Fiery, choose Font List from the File menu or click the Font List button (see page 4-70).

You can download fonts only via the Direct connection. If you do not have access to the Direct connection, you must embed any special fonts used by the file when you generate it.

The screen fonts that correspond to the printer fonts installed on the Fiery are not automatically installed on your Windows system.

Note: Fiery Downloader cannot download TrueType fonts. If you use TrueType fonts in Windows, convert them to Adobe Type 1 before printing. To convert to Adobe Type 1 fonts for Windows 98/Me, click the Fonts tab in the Adobe PS printer driver and set up the Font Substitution Table. For Windows NT 4.0/2000/XP/Server2003, click the Postscript tab of the Fiery Document defaults dialog box and select TrueType Font Setting > Download as Softfont.

Note: You cannot use Fiery Downloader to download TrueType fonts.

Note: You can change font settings in the printer driver to suit your printing needs. For more information, see the printer driver help menu.

Printer fonts and Mac OS screen fonts

Like all PostScript fonts, the fonts included with the Fiery come in two forms: printer fonts and screen fonts. Install the screen fonts included with the Fiery user software on your Mac OS computer. If you are using these fonts in documents you print on a LaserWriter, they are probably already installed. If not, you must install them. For more information, see the *User Software Installation Guide*.

Occasionally, you may want to use Adobe Type 1 (Windows) or PostScript (Mac OS) fonts that are not included with the Fiery. If so, you must install both the screen fonts and the printer fonts on your computer. To do this, follow the instructions from the font manufacturer.

Downloading printer fonts to the Fiery

In general, each time you print from within a Mac OS application, the application automatically downloads any fonts used in your document that are not already installed on the Fiery, as long as the printer fonts are installed in your System Folder. These fonts remain in the Fiery only until your document has printed. If you print the same document again, your application must download the fonts again.

If you regularly use one or more fonts from Windows or Mac OS applications that are not already installed in the Fiery, you can save time by downloading them to the Fiery hard disk with Fiery Downloader. Fonts you download to the Fiery hard disk remain installed until you remove them using Fiery Downloader, no matter how many times the Fiery is turned off and on. Consider downloading fonts you use on a regular basis to the Fiery hard disk.

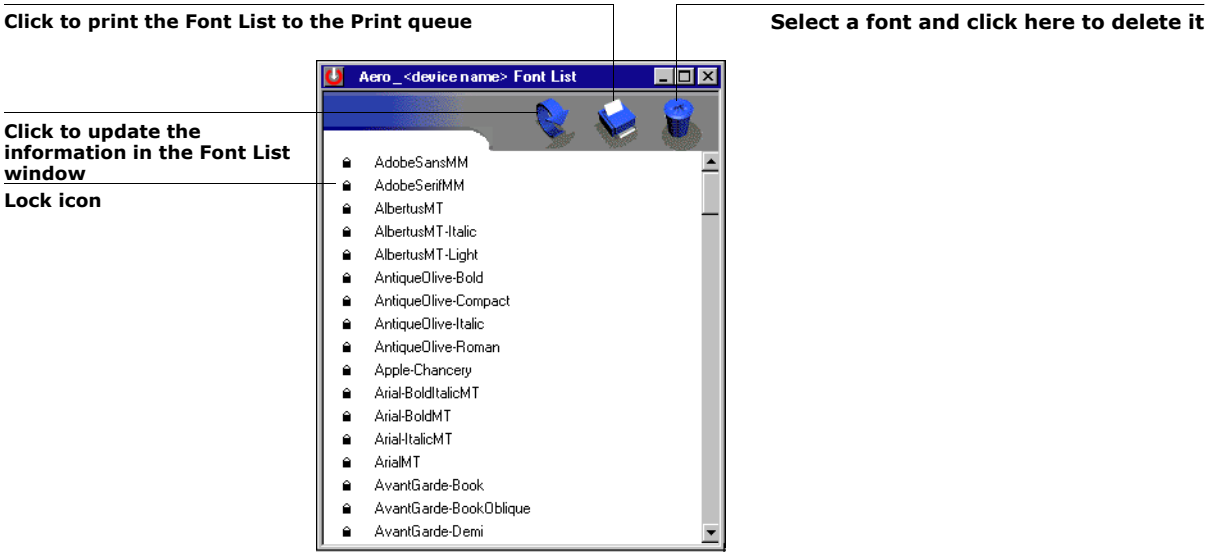
Before you download PostScript, TIFF, or EPS files with Fiery Downloader, make sure all fonts included in your file are installed on the Fiery or embedded in your file; otherwise, the text in these fonts will not print correctly or may not print at all. For PDF files, font substitution occurs automatically for fonts not installed on the Fiery. Two multiple master fonts (a serif font and a sans serif font) stored on the Fiery are used exclusively for substitution with PDF files.

To view font information, update, print, and delete fonts

- **Choose Font List from the File menu, or click the Font List button.**

  Note:If the Direct connection is not published, you cannot view the Font List or perform any of the tasks described in this procedure. For information on how to publish the Direct connection, see Chapter 3 of the *Configuration Guide* or consult your administrator.

  The Font List window includes Update, Print, and Delete buttons. The printer fonts included with the Fiery (resident fonts) are locked. Locked fonts appear with a Lock icon next to the name and cannot be deleted.



Chapter 5: Printing Variable Data Documents

This chapter describes the variable data printing features supported by the Fiery, including:

- Background information about variable data printing
- Printing variable data documents using FreeForm™

About variable data printing

Variable data printing is typically used for direct-mail advertising or other targeted mailings. It involves combining a set of master elements that are common across copies of a document with a set of variable elements that change from copy to copy. An example is a brochure that greets customers by name and may include other personal information about the customer obtained from a marketing database. Background elements, illustrations, and text blocks that do not change across copies of the brochure comprise the master elements. The customer's name and other customer-specific information comprise the variable elements.

The Fiery supports the following method of variable data printing:

- The FreeForm feature allows you to use print options to define and store master-element documents—called FreeForm masters—on the Fiery. You can send a variable-element job to the Fiery with instructions to combine the job with a particular FreeForm master.

You cannot use the following print options and settings when printing variable data:

- Combine Separations to On
- Optimize PowerPoint to On

For more information, see Appendix A.

Printing variable data documents with FreeForm

In FreeForm variable data printing, you can use print options to

define master documents and assign them to variable data jobs sent to the Fiery.

How FreeForm works

The basic premise of FreeForm variable data printing is that the master-element data for the job can be sent to the Fiery and rasterized separately from the variable-element data. The master-element data is stored on the Fiery in rasterized form as a FreeForm master, and can be used as often as needed with multiple sets of variable-element data. Because the FreeForm master job is preRIPped and stored on the Fiery, the only RIP time required for variable data print jobs is the time needed to RIP the variable-element data. You can use FreeForm masters for any fixed-element data you might combine with different data from day to day. For example, a letterhead template can be stored as a FreeForm master and used repeatedly as the background for different letter content (the variable-element data).

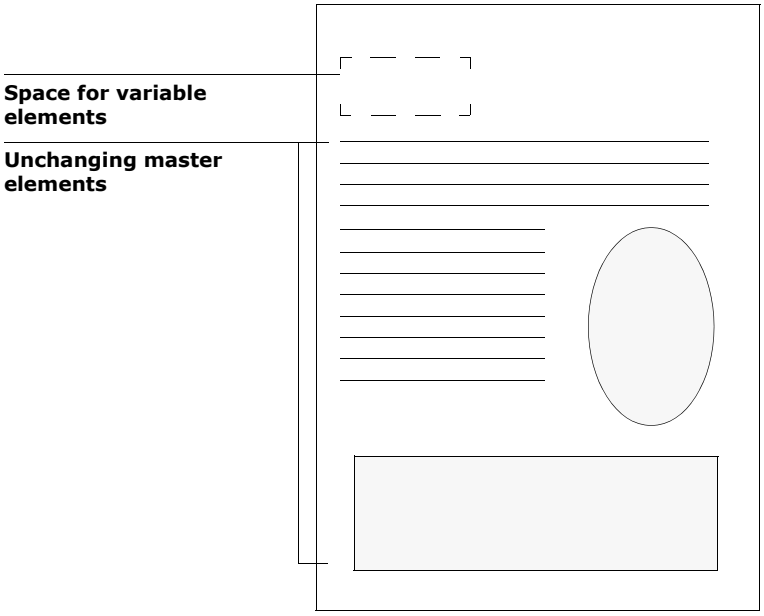
FreeForm allows you to create the master and variable documents using any application. You can create the two documents using different applications or computer platforms. To create the master document, you can use a page layout or graphics application. To create the variable document, you can use a word processing application that has a mail merge feature, a page layout application that supports scripting, or a database application.

FreeForm functions are controlled with two print options: Create Master and Use Master. You can set these options in the printer driver when you send a job, or instruct the operator to set them with job overrides from the job management tools. You can also use Command WorkStation/Command WorkStation LE to monitor and manage all the FreeForm masters stored on the Fiery. For more information, see Chapter 3 of the *Job Management Guide*.

Creating the master document

Before you can use FreeForm, you must create a master document and a variable document. This includes creating the layout for the combined document, as well as the elements

themselves. In a page layout or graphics program, you arrange the master elements (text and graphics that do not change) on one or more pages, leaving space for the variable elements.



Master document

When you have finalized the design of the master document, print it to the Fiery and specify that a FreeForm master be created from the job (see page 5-78).

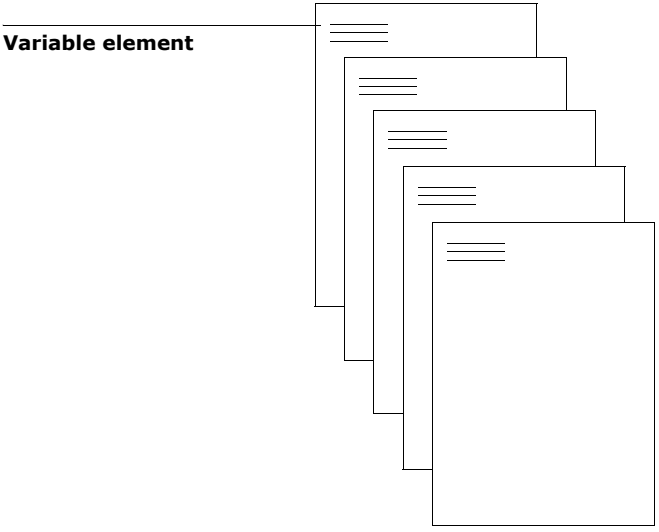
Although the Fiery can store up to 100 FreeForm masters, the printer driver interface and Fiery Spooler allow you to select numbers 1 through 15 only. To create a FreeForm master with a number greater than 15, the operator must set the Create Master and Use Master options and RIP the job from Command WorkStation/Command WorkStation LE.

Creating the variable document

You can create the variable document with a word processing application that provides a mail merge function, a database

application, or a page layout application that supports scripting. In all cases, information is taken from a list or database and merged into an existing document that is set up to accept the information. Each application has different controls for this function; for detailed instructions, see the application documentation. Before the variable elements can be added to the master document, they must be formatted to conform to the layout of the master document. To do this, you create a document with the correct formatting, and then add the variable information in the appropriate places.

For efficient variable data printing, create a variable document that has significantly more pages than its corresponding FreeForm master.



Variable document

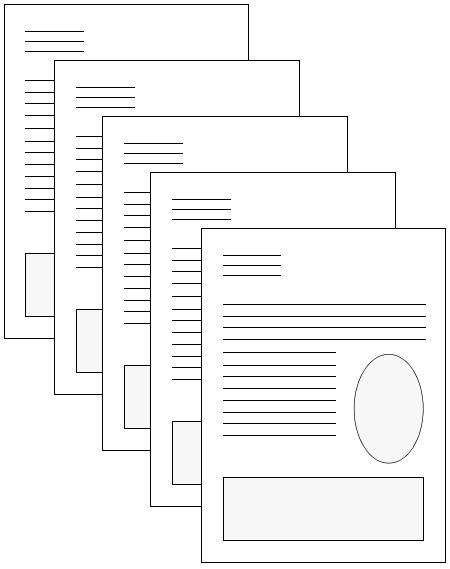
When you have created a variable document, print it to the Fiery and specify that it be combined with the corresponding FreeForm master (see page 5-78).

Combining the FreeForm master with the variable docu-

ment

When you print a variable document to the Fiery, you specify the FreeForm master created from your master document with the Use Master print option. The Fiery combines the raster data of the variable document with the already RIPped FreeForm master, creating a new raster data file. The merged raster file can be soft-proofed (before it is printed) in the thumbnail windows of the job management tools.

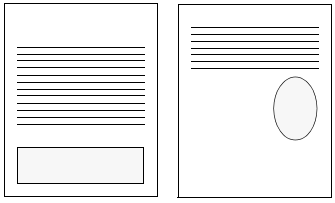
For more information about soft-proofing and the thumbnail windows of the job management tools, see Chapter 4 of the *Job Management Guide*.



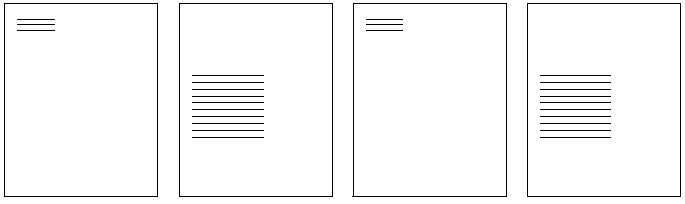
Combined document

A master document can include more than one page. When you print a variable document and specify a FreeForm master that contains multiple pages, the variable pages are combined with the master pages in a cyclical fashion. The following example illustrates how a variable document combines with a two-page master document.

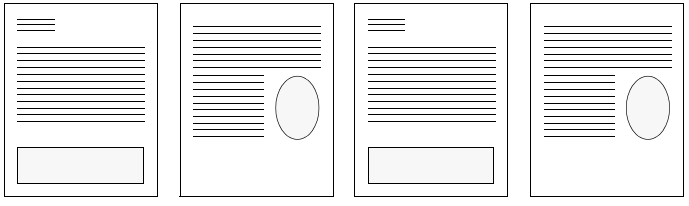
Pages 1 and 2 of the variable document are combined with Pages 1 and 2, respectively, of the master document. The cycle of master pages then starts over, and Pages 3 and 4 of the variable document are combined respectively with Pages 1 and 2, again, of the master document. This pattern continues for each subsequent set of pages in the variable document.



Multiple-page master document



Variable document



Combined document

Using FreeForm

This section provides some suggestions to help you print variable data jobs correctly.

- Consult your administrator or operator on how FreeForm master numbers are assigned at your site.

If FreeForm printing is used by a large number of users at your site, FreeForm master numbers, or ranges of numbers, can be assigned to specific users or groups. Users can select only numbers 1 through 15 as print option settings. The operator can override FreeForm master numbers and reassign them to numbers greater than 15 from Command WorkStation/Command WorkStation LE. You may want the operator to assign all FreeForm master numbers to avoid potential conflicts in the use of FreeForm master numbers.

- Use the Job Notes and Instructions fields to communicate instructions about your job to the operator.

  If you want to create or use a FreeForm master number greater than 15, these fields can be used to tell the operator to override the appropriate job setting (Create Master or Use Master) and RIP the job from Command WorkStation/Command WorkStation LE.

- Give your jobs unique and descriptive names.

  Both you and the operator must be able to easily identify your jobs if there are many jobs in the queues, the FreeForm master numbers are reassigned, or you want to refer to another job in the Job Notes or Instructions fields.

- For restrictions on print option settings when using FreeForm, see Appendix A.

  The following settings for the master document and variable document must match:

  Color Mode (Mac OS) or Print Mode (Windows)

  Combine Separations

  2 Sided Printing

  Orientation

  Page Size

  Punch Option

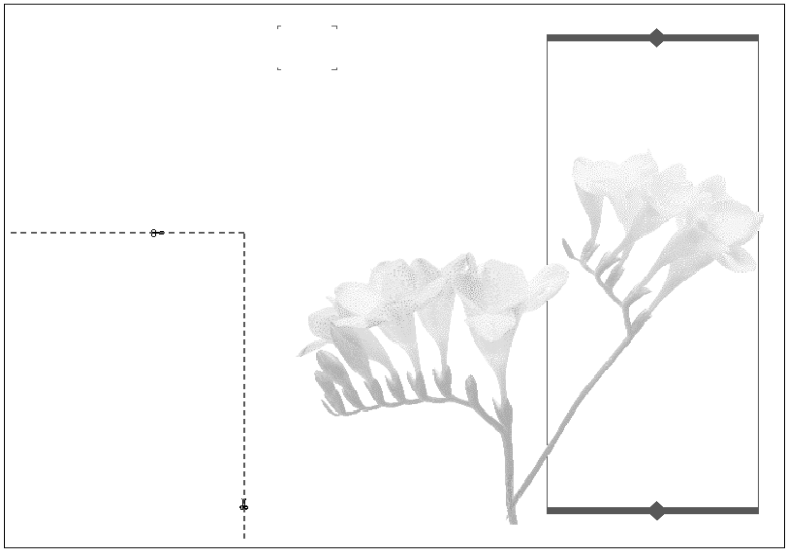
  Stapler Mode

Note: If the 2 Sided Printing settings for the master-elements document and variable-elements document do not match, the job prints using the 2 Sided Printing setting for the variable-elements document.

To print variable data documents

1. **Create a master document.**

   The following example shows one page of a master document for a tri-fold brochure that was created with a page layout application.



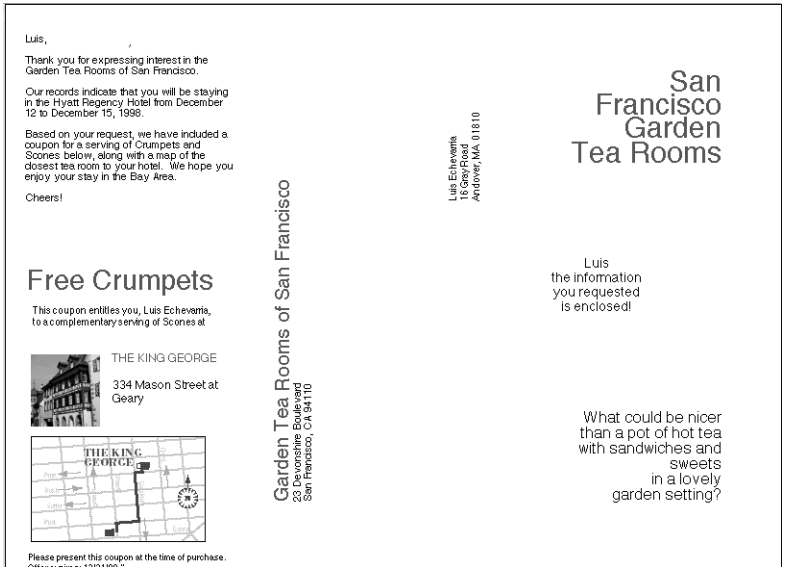
2. **Print the master document to the Fiery with the Create Master print option set to one of the FreeForm Master numbers (1 through 15).**

   Or, set the Create Master option to None and instruct the operator to use overrides to create a FreeForm master from this job.

3. Create the variable document.

You can create the variable document using a different file, a different application, or a different computer platform than was used to create the master document, but some print options must be the same (for details, see page 5-77).

The following example shows one page of the variable document for the tri-fold brochure. The data in this document can be as simple as a name and address, or as complex as multiple, full-color graphics and photographic elements.


Luis,
Thank you for expressing interest in the Garden Tea Rooms of San Francisco.
Our records indicate that you will be staying in the Hyatt Regency Hotel from December 12 to December 15, 1998.
Based on your request, we have included a coupon for a serving of Crumpets and Scones below, along with a map of the closest tea room to your hotel. We hope you enjoy your stay in the Bay Area.
Cheers!
Free Crumpets
This coupon entitles you, Luis Echevarria, to a complementary serving of Scones at
THE KING GEORGE
334 Mason Street at Geary
THE KING GEORGE
Please present this coupon at the time of purchase.
Garden Tea Rooms of San Francisco
23 Devonshire Boulevard
San Francisco, CA 94110
Luis Echevarria
16 Grey Road
Andover, MA 01810
San Francisco Garden Tea Rooms
Luis
the information you requested is enclosed!
What could be nicer than a pot of hot tea with sandwiches and sweets in a lovely garden setting?

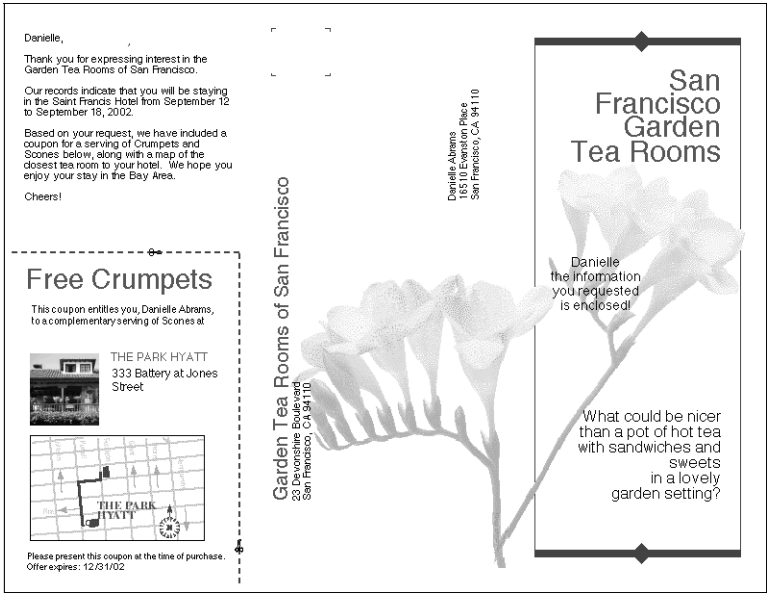
4. **Print the variable document to the Fiery with the Use Master print option set to the appropriate FreeForm master number.**

   The FreeForm master number may be one you set when you sent the master document, or one that was assigned by the operator.

   FreeForm master numbers can be overridden from the job management tools. Check with the operator to make sure that the FreeForm master number you specify is the correct one for the FreeForm master you want to use.

   If you want to check the job before it prints, instruct the operator to RIP and Hold the job so you can preview it from the job management tools.

   The following example shows the FreeForm master and variable document combined. The variable data is overlaid on the master document.

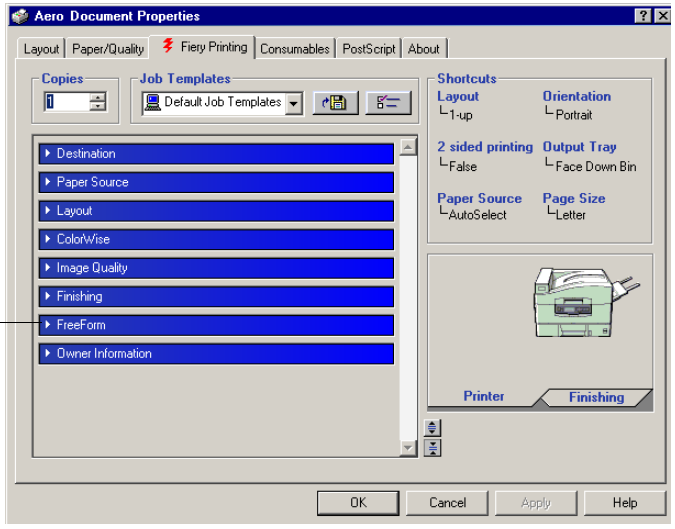

Danielle,
Thank you for expressing interest in the Garden Tea Rooms of San Francisco.
Our records indicate that you will be staying in the Saint Francis Hotel from September 12 to September 18, 2002.
Based on your request, we have included a coupon for a serving of Crumpets and Scones below, along with a map of the closest tea room to your hotel. We hope you enjoy your stay in the Bay Area.
Cheers!
Free Crumpets
This coupon entitles you, Danielle Abrams, to a complementary serving of Scones at
THE PARK HYATT
333 Battery at Jones Street
THE PARK HYATT
Please present this coupon at the time of purchase.
Offer expires: 12/31/02
Garden Tea Rooms of San Francisco
23 Devonshire Boulevard
San Francisco, CA 94110
Danielle Abrams
16510 Ewanston Place
San Francisco, CA 94110
San Francisco Garden Tea Rooms
Danielle
the information you requested is enclosed!
What could be nicer than a pot of hot tea with sandwiches and sweets in a lovely garden setting?

Previewing master documents in the Windows printer driver

Once a master document is created, you can preview it from the Windows printer driver. This feature makes it convenient to select a master document you need when you perform FreeForm printing.

To preview master documents in the Windows printer driver

1. **Choose Print in your application.**
2. **Select the Fiery as your printer and click Properties.**
3. **Click the Fiery Printing tab.**
4. **Click and open the FreeForm print option bar.**



FreeForm print option bar

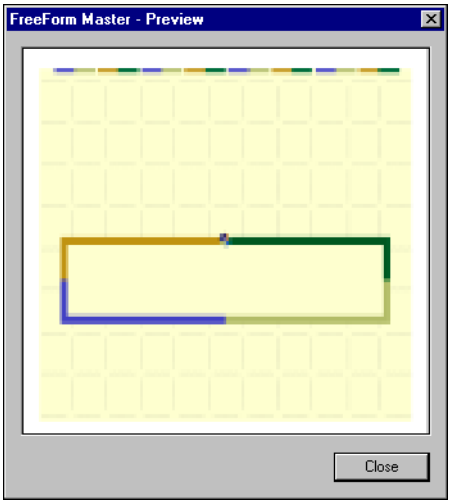
5. **Click Update to retrieve the list of FreeForm master names from the Fiery.**

   The FreeForm master numbers and names appear in the Create Master and Use Master options.

   Note: The Two-Way Communication feature must be enabled to retrieve the list of FreeForm master names. For how to enable this feature, see Chapter 1 of the *User Software Installation Guide.*

6. **Select the master document you want to preview from the Use Master option and click Preview Master.**

   The FreeForm Master - Preview window appears.



7. **Click Close.**

Chapter 6: Using EFI Hot Folders

This chapter describes how to use the EFI Hot Folders application to store and reuse frequently used print options when printing PostScript and PDF files on the Fiery.

Overview of Hot Folders

A Hot Folder is a special folder to which you can assign a group of print options. To print a document, drag and drop the document file onto the Hot Folder. The Hot Folder application routes the job to a corresponding print queue using the print options associated with that Hot Folder.

Note:After printing original data, you may notice additional numbers at the end of the original file name.

You can create as many Hot Folders as you want on your computer. You can also share Hot Folders with other users on the network by creating shortcuts to the folders from remote computers.

To begin working with Hot Folders, create one or more Hot Folders, assigning print options and a print queue to each (see "Creating and deleting Hot Folders" on page 6-87). You can then print jobs by dragging and dropping the document files onto the corresponding Hot Folders. You can also print a job by printing the document file from the source application, with the appropriate Hot Folder specified as the print destination. The Hot Folder Control Panel allows you to manage your Hot Folders and monitor the status of jobs sent to the folders (see "Using the Hot Folder Control Panel" on page 6-86).

File format restrictions

The Hot Folder application supports the printing of PostScript and PDF jobs. However, if you specify print options that differ from and override the printer default options, or specify imposition options, the Fiery may offer only restricted file format support. These

restrictions vary, depending on the Fiery associated with the Hot Folder.

File format	Print option override	Imposition
PostScript	Fully supported	Fully supported (with PS-to-PDF conversion)
PDF	Partially supported	Fully supported

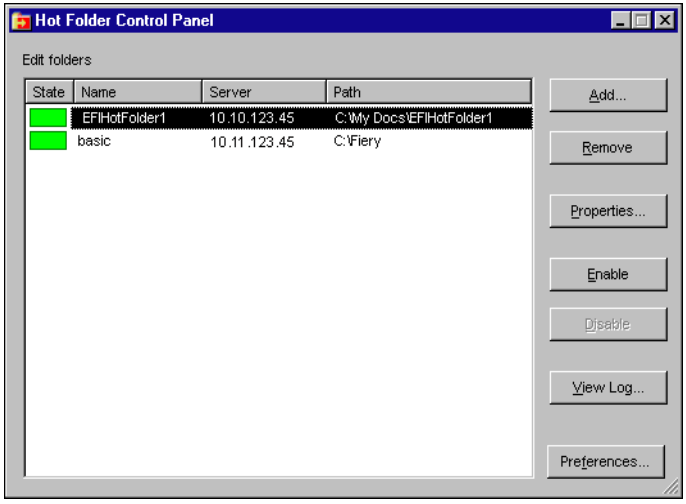
The Fiery offers full support for PostScript and PDF jobs if you assign only printer default options to a Hot Folder.

For information on setting print options, see Appendix A.

Using the Hot Folder Control Panel

The Hot Folder application continuously monitors the Hot Folders on your computer for new jobs. This activity occurs in the background; you do not have to start the Hot Folder application for the monitoring to occur.

To display the Hot Folder Control Panel, start the Hot Folder application. The Hot Folder Control Panel allows you to create and manage all your folders. You can also use the Control Panel to monitor the status of jobs sent to your folders.



The Hot Folder Control Panel displays the name of each Hot Folder currently defined on your computer, the name of the server associated with each Hot Folder, and the directory path to the Hot Folder.

To start the Hot Folder application and display the Control Panel

- **Click Start, choose Programs, and then choose Hot Folder, or, if you have created a shortcut to the application, double-click the shortcut on your computer desktop.**

  You can also display the Hot Folder Control Panel by right-clicking the Hot Folder icon in the Status area of the Windows taskbar and choosing Open Control Panel from the menu that appears, or by opening the Windows system Control Panel and double-clicking the icon for EFI Hot Folders.

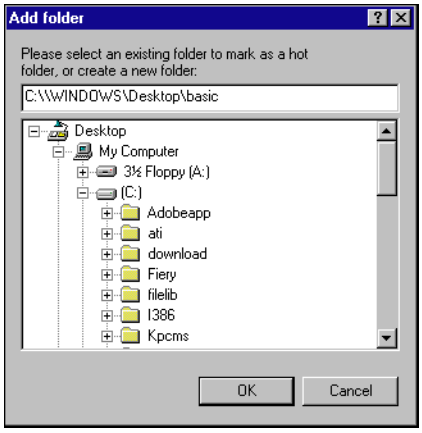
Creating and deleting Hot Folders

Each Hot Folder you create resides on your hard disk and contains all the files and subfolders corresponding to information about your jobs. You can print jobs by dragging and dropping them onto this folder.

To delete a Hot Folder from your computer, you must disable and remove it from the Hot Folder Control Panel.

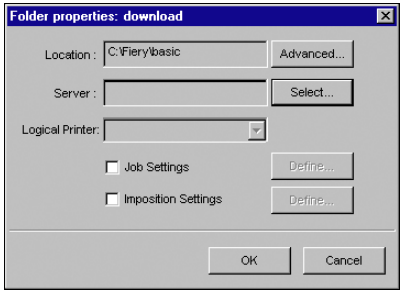
To add and configure the connection and print queue for a new Hot Folder

1. **Click Add in the Hot Folder Control Panel.**
2. **The Add folder dialog box appears.**



3. **Select an existing folder or navigate to the location where you want to create a new folder and enter the folder name.**
4. **Click OK.**

   The Folder properties dialog box for the Hot Folder appears.



Note:Do not use the following folder types as Hot Folders:

- The System Folder of your computer
- The Desktop Folder of your computer

- Folders located on a root directory (for example, C:\)
- Folders located on network drives, such as a common file server (unless the Hot Folder application is installed and running locally on the file server).

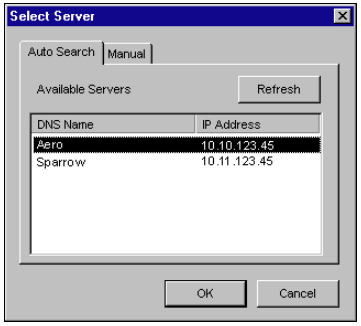
5. **In the Server field, click Select.**

   The Select Server dialog box appears.

6. **To configure the connection to the Fiery server in a local subnet, click the AutoSearch tab.**

7. **Only servers that support Hot Folders appear in the Available Servers area.**

8. **To add a server from the local subnet, select it and click OK.**



To manually configure the connection to the Fiery, click the Manual tab, enter the IP address or DNS name of the Fiery, and click OK.

Select Server
Auto Search
Manual
New Server
Server DNS Name
(or IP address)
Aero
Note: The Server DNS Name or IP address must be entered exactly as it is configured, or this utility will not be able to find it on the network.
OK
Cancel

9. **In the Logical Printer field, choose the print queue for the Hot Folder.**

10. **In the Properties dialog box, specify properties and settings for the new Hot Folder.**

    For more details on job and imposition settings, see "Customizing Hot Folder settings" on page 6-97.

11. **Click OK.**

    The new Hot Folder is ready for use. The folder name appears in the list in the Hot Folder Control Panel.

To delete a Hot Folder from your computer

1. **In the Hot Folder Control Panel, select the folder you want to remove.**

   Make a note of the folder's directory path.

2. **If the folder is not already disabled, click Disable.**

   You must disable a folder before you can remove it.

3. **Click Remove.**

   The folder is removed from the Control Panel.

4. **Click OK to close the Hot Folder Control Panel.**

5. **Locate the Hot Folder on your computer, and make sure the folder does not contain any archived jobs you want to retain.**

   For information about using the subfolders to store archived jobs, see "Customizing Hot Folder settings" on page 6-97.

6. **Delete the folder by dragging it to the Recycle Bin or choosing Delete from the File menu.**

Enabling and disabling Hot Folders

By default, the Hot Folder application continuously monitors all your folders for new jobs. You can choose to disable a folder to prevent it from being monitored. Any jobs you send to a disabled folder remain unrecognized by the Hot Folder application until you enable the folder again.

To toggle the activity state of a folder

- **In the Hot Folder Control Panel, select the folder you want and click Enable or Disable.**
  or
- **Right-click the Hot folder you want on the desktop. Choose EFI HotFolders > Disable HotFolder or EFI HotFolders > Enable HotFolder from the menu that appears.**
  or
- **Right-click the Hot Folder you want and choose Properties from the menu that appears. Click the EFI Hot Folder tab and select Enable Hot Folder or Disable Hot Folder.**

  Enabled folders are marked with a green state in the Control Panel; disabled folders are marked with a red state.

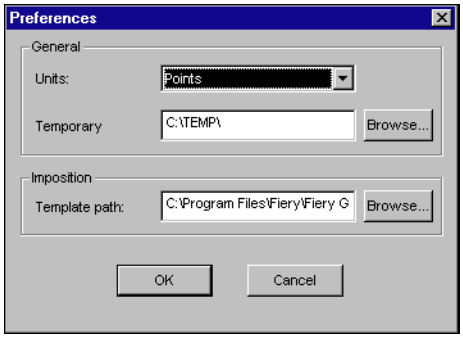
Setting Hot Folder preferences

You can specify several preference settings for the Hot Folder application, including the unit of measurement used for imposition settings, and the default folder location for temporary files and imposition templates.

To set preferences for the Hot Folder application on your computer

1. **Click Preferences in the Hot Folders Control Panel.**

   The Preferences dialog box appears.



2. **To specify the default unit of measurement, choose an option from the Units menu.**

   The default unit of measurement is used for several imposition settings.

3. **To specify a folder location for temporary files created by the Hot Folders application while processing jobs, click Browse, select the folder you want, and then click OK.**

   If you do not specify a location for temporary files, the Hot Folder application uses the system Temp folder by default.

4. **To specify a folder location for imposition templates used by the Hot Folders application, click Browse, select the folder you want, and then click OK.**

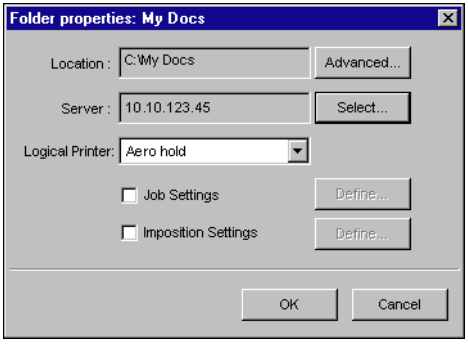
5. **When you are finished setting preferences, click OK.**

Assigning properties to Hot Folders

You can use the Folder Properties dialog box to define the settings associated with each Hot Folder. You can specify the print options, imposition settings, server destination, and queue destination each Hot Folder uses for incoming jobs.

Use any of the following methods to display the Folder properties dialog box:

- Create a new folder using the Hot Folder Control Panel (see page 6-87); the Folder properties dialog box appears.
- In the Hot Folder Control Panel, select the folder you want to edit and click Properties.
- Right-click the Hot Folder you want, and choose EFI HotFolders > Properties from the menu that appears.
- Right-click the Hot Folder you want, and choose Properties from the menu that appears. Click the EFI Hot Folder tab, and then click Configure.



Customizing Hot Folder settings

By default, each Hot Folder you create contains the following subfolders:

Fail Folder. —the default location for storing all jobs that fail to process successfully. Problems at the printer might cause a job to fail.

Move Folder. —the default location for storing archive copies of all jobs that have been successfully processed; also referred to as the Keep Original Folder in the Folder Settings dialog box.

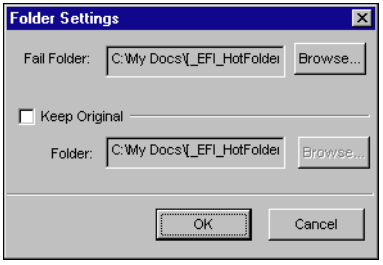
Work Folder. —a private folder used by the Hot Folder while processing a print job.

You can instruct the Hot Folder application to store archive copies of job files in the Fail and Move folders. You can also specify alternative folder locations for archive files.

To archive Hot Folder job files

1. **Click Advanced in the Hot Folder Properties dialog box.**

   The Folder Settings dialog box appears.



2. **To specify a different folder location for storing failed jobs, click Browse, select the folder you want, and then click OK.**

3. **To archive successfully processed jobs in the default Move folder, select Keep Original. To specify a different folder location, click Browse, select the folder you want, and click OK.**

   If you clear the Keep Original option, jobs dragged and dropped onto a Hot Folder are deleted from the folder as they are printed.

   Click OK.

Specifying Hot Folder print options

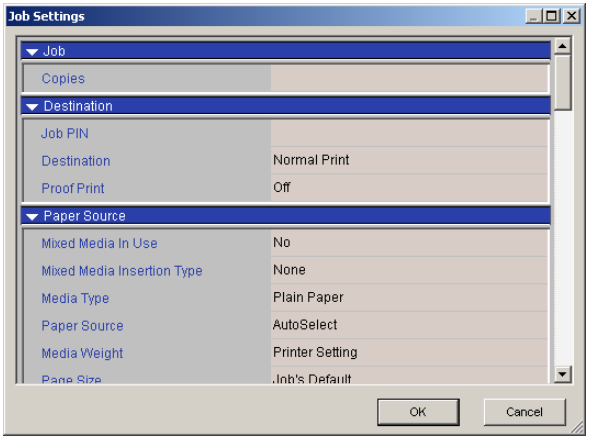
You can assign print options to your Hot Folder as you would to any print job. When you specify print options for a Hot Folder, the print options are assigned to all jobs sent through that Hot Folder. These print options override any default options that may be associated with the destination printer group.

When setting options for a folder assigned to a print job, all options for every printer in the group appear, and some might conflict. For more information on print options, see Appendix A.

Note:The Direct connection is not supported when setting options for a folder.

To set print options for a Hot Folder

1. **To enable print settings, select Job Settings in the Properties dialog box. If necessary, click Define to display the Job Settings dialog box.**

2. 

   Print options are organized into functional groups. You can expand each group by clicking the corresponding menu bar.

3. **Specify print options by choosing the print option from the appropriate menu.**

4. **Click OK to return to the Properties dialog box.**

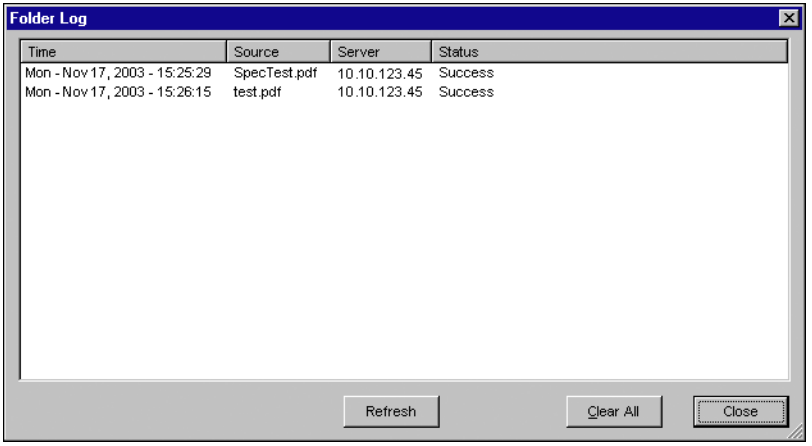
Viewing Hot Folder Job Logs

You can view a log of all jobs that have been processed through a Hot Folder.

To view the Job Log for a Hot Folder

1. **In the Hot Folder Control Panel, select the folder for which you want to view the Job Log.**
2. **Click View Log.**

   The Folder Log dialog box appears.



   The Folder Log dialog box displays the following information:

   Time. —Indicates the time the job was processed through the Hot Folder.

   Source. —Lists the file name of the printed job.

   Server. —Displays the name of the server receiving the print job.

   Status. —Indicates whether or not the job was printed successfully.

1. **Click Refresh to update the Job Log.**

   The Job Log is not updated in real time. New jobs are logged, but not listed, while the Folder Log dialog box is displayed.

   To clear the Job Log, click Clear All.

Chapter 7: Tracking and Monitoring Jobs

Fiery user software includes a variety of tools that allow you to track and manage print jobs. Access to some tools is controlled by your site administrator, but other tools are available to all users.

The job management tools all provide the capability to view and control the flow of print jobs to the Fiery. If the administrator has set administrator and operator passwords in Setup, you must have one of these passwords to perform most of the job management tools functions.

For information on these tools and the access privileges needed to use them, see Chapter 3 of the *Job Management Guide*.

- WebTools do not require any special access privileges. As long as the administrator has enabled Web Services in Setup and provided users with the IP address of the Fiery, anyone can use them.
- Job Monitor, a utility designed to give you up-to-date status on print jobs and connected Fiery servers, is also available to all users.

Accessing Fiery WebTools

Fiery WebTools reside on the Fiery's hard disk, but can be accessed over the network from a variety of platforms. The Fiery has a home page that allows you to view server functions and manipulate jobs remotely. This chapter describes only the Status and WebLink selections in the WebTools menu.

- For information on WebSetup, see Chapter 6 of the *Configuration Guide*.
- For information about WebDownloader, see Chapter 4.

To access Fiery WebTools

1. **Start your Internet browser.**
2. **For information about supported platforms and browsers, see the *User Software Installation Guide*.**
3. **Enter the IP address or the DNS name of the Fiery.**

   For this information, contact the operator or administrator.
4. **If a Log In dialog box appears, select Guest and click OK.**

   The Log In dialog box appears only if the administrator has set a password. Guest access is sufficient to use Status and WebLink, as described in this chapter.
5. **When the Fiery home page appears, click to select one of the Fiery WebTools.**

   Move the cursor over the buttons to display information about the selections.

Checking Fiery status with Fiery WebStatus

You can use Fiery WebStatus™ to see what jobs are currently processing and printing. To access Fiery WebStatus, open the Fiery home page and click Status. The current RIP Status and Printer Status appear in the window.

Use WebTools with the recommended resolution. For more information, see the System Requirements in the *Quick Start Guide.*

To open a new browser window for the Status display, click Float. You can then close other browser windows and leave the Status window open to continue checking the status of the Fiery. As long as you keep the Status window open, it is dynamically updated.

To obtain more information about the status of jobs, use the job management tools, as described in the *Job Management Guide*. You can also use Job Monitor. For how to launch Job Monitor, see "Job Monitor" on page 7-105.

Accessing information with WebLink

WebLink on the Fiery home page provides a link to another web page or to multiple web pages, provided you have a valid Internet connection. The administrator at your site can set the WebLink destination. Check your Fiery WebLink for any information available there.

Job Monitor

Job Monitor allows you to track the status of jobs sent to the Fiery. In addition, Job Monitor tracks the status of consumable materials on the printer and alerts you to any errors that interfere with printing. If you have more than one Fiery, you can use Job Monitor to monitor all of them at the same time.

To access Job Monitor, you must install the Windows printer driver for Fiery.

Note:Job Monitor is available only on Windows computers.

If you select Run at Windows startup in the Job Monitor Preferences dialog box, Job Monitor automatically launches in the background each time you start your Windows computer. For how to access the Job Monitor Preferences dialog box, see the Job Monitor Help file.

If Job Monitor does not start automatically or has been exited, use the following procedure.

To manually start Job Monitor

1. **Windows 98/Me/NT 4.0/2000: Click Start, choose Settings, and then choose Printers.**

   Windows XP: Click Start and choose Printers and Faxes.

Windows Server 2003: Choose Settings and then Printers and Faxes.

2. **Right-click the Fiery icon, and then choose Properties.**
3. **Click the Printer Status tab, and then click the Launch Job Monitor button.**

   You can also double-click the Job Monitor shortcut on the desktop to start the utility.

   Job Monitor opens a utility window on the screen and establishes a connection to the Fiery. If you have installed and configured printer drivers for more than one Fiery, Job Monitor automatically establishes connections to all.

   After you start the utility, an icon for Job Monitor appears in the Windows taskbar.

   For more information on Job Monitor, see the Job Monitor Help file. To access the Job Monitor Help file, click Help in the Tool bar.

Chapter 8: Using Fiery E-mail Service

The Fiery E-mail Service allows you to remotely print to and control the Fiery using your current e-mail infrastructure. It allows you to print to remote locations and bypass firewalls. With E-mail Service, you can submit jobs to the Fiery as e-mail attachments.

You can use E-mail Service in the following ways:

- Print using an E-mail Client
- Print using the Fiery E-Mail Port Monitor

How Fiery E-mail Service works

In order to use the e-mail services, you must set up E-mail Service as described in Chapter 4 of the *Configuration Guide*.

To print with an E-mail Client, you send a file as an e-mail attachment, and E-mail Service extracts the file and sends it to the Fiery. The attachment can be in any format the Fiery recognizes (PS, EPS, PDF, and TIFF).

To print using the Fiery E-mail Port Monitor, you must print to a printer connected to the Fiery E-mail Port Monitor. If you have the E-mail Port Monitor set up, your print job is e-mailed to the Fiery when you choose Print from an application. For more information about setting up the E-mail Port Monitor, see Chapter 1 of the *User Software Installation Guide*.

The Fiery also supports internal address books. Administrators can retrieve, add, delete, and clear addresses from the address books by sending requests via e-mail. For more information about address books, see the *Configuration Guide*.

Note:Fiery E-Mail Service will not process .vbs, .exe, or .bat extensions.

Printing using an E-mail Client

You can submit print jobs to the Fiery in the form of an e-mail

attachment using your e-mail application. When you send an e-mail with an attachment, E-mail Service extracts the file and sends it to the Fiery Print queue. The file format must be one supported by the Fiery.

By default, anyone can print with an E-mail Client, unless the Print address book has been set up by the administrator. If your e-mail address is not in the Print address book, you cannot send files to the Fiery via e-mail. For more information about address books, see Chapter 7 of the *Configuration Guide*.

The Direct and Hold queues are not supported when using the E-mail Client feature.

Note:The following illustrations depict the Microsoft Outlook E-mail application.

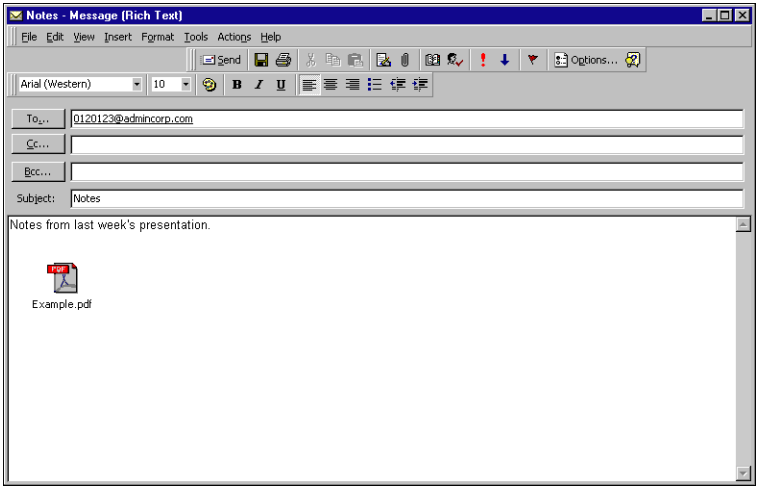
Note:HTML-formatted e-mail messages are printed in HTML source codes, not as they appear on the remote workstation.

To print using an E-mail Client

1. **Open your e-mail application.**
2. **Enter the Fiery e-mail address in the To: line.**
3. **Enter text in the Subject line or leave the Subject line blank.**
4. **Attach the file you want to print.**

5. **You can enter additional text in the body of the message, if necessary. The text will also be printed.**

   Note:If your attachment exceeds the file size limitation set by your e-mail system administrator, the e-mail will not be sent.



6. **Send the e-mail.**

   The file is sent to the Fiery and the job is printed. After the Fiery receives the job, you receive an e-mail notification that the print job was accepted. The e-mail also provides a job identification (ID). You can use the job IDs to manage jobs with Job Control (see the following section). The e-mail notification indicates any current error at the printer.

   Once the job has been printed, you receive a second e-mail notification that indicates the job printed successfully.

   You can use Job Control to check the status of your job and see if it printed successfully.

Job Control

You can manage personal jobs when printing by submitting commands to the Fiery via e-mail. You can cancel a job, check job status, and inquire help on a job. Once you send a command, the Fiery returns an e-mail response.

To manage print jobs with Job Control

1. **In your e-mail application, enter the Fiery e-mail address in the To: line.**
2. **Enter one of the following Job Control commands in the Subject line.**
3. **To check the status of a job, enter #JobStatus<job id> in the Subject line.**

   You will receive a reply to your job status query. You can only inquire about the status of the job if you sent the job or are an administrator.

   To cancel a job, enter #CancelJob<job id> in the Subject line.

   You will receive a notification indicating that the job has been cancelled and will not print to the Fiery. You can only cancel the job if you sent the job or are an administrator.

   To inquire help, enter #Help in the Subject line.

   You will receive an e-mail response that contains the links that allow you to cancel jobs, check job status, and search and manage address books. Click any of the links to perform a Job Control command.

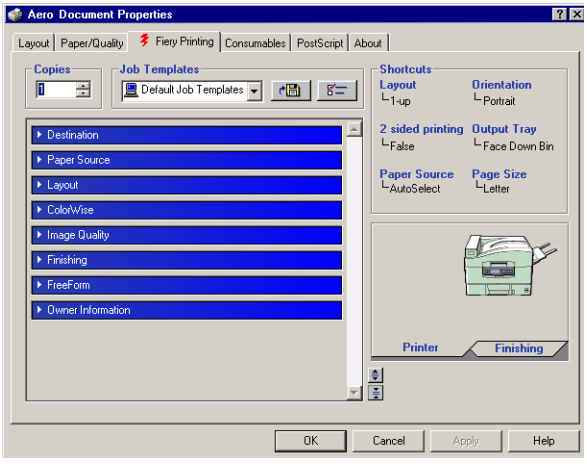
Printing using the E-mail Port Monitor

Once you set up the E-mail Port Monitor, you can print using E-mail Service in the same manner as any other printing method. No additional steps are necessary.

Note:The E-mail Port Monitor is only supported on Windows computers. Also, Direct connection is not supported when printing with E-mail Port Monitor.

To print using the Fiery E-mail Port Monitor

1. **Choose Print in your application.**
2. **Make sure the Fiery is selected as your printer and you have set up the E-mail Port Monitor for the Fiery.**
3. **Click Properties.**
4. **Click the Fiery Printing tab.**



5. **Set the print options and click OK.**

   To set options using the printer driver, see "Setting options and printing from Windows computers" on page 1-14.

6. **Click OK again to send your job to the Fiery.**

   Note:If the attachment exceeds the file size limitation set in your application, the attachment may be broken into several messages.

Appendix A: Print Options

Print options give you access to the special features of your Fiery and Sharp AR-C360P. Print options can be specified in several places—in Fiery Setup, or from the printing application, Fiery Downloader, ColorWise Pro Tools, or the job management tools. The table in this appendix briefly describes each print option and default setting, and provides information on any constraints or requirements in effect.

About printer drivers and printer description files

The Fiery receives files from computers on the network, processes (RIPs) them, and then prints them. Windows and Mac OS computers communicate with the Fiery by means of a printer driver and printer description (PPD) files. The driver allows you to use special features of the Fiery from the Print dialog box.

A printer driver manages printing communication between your application and the printer. It interprets the instructions generated by the application, merges those instructions with printer-specific options you specify, and translates all information into PostScript, a language the printer understands. In other words, the printer driver writes a PostScript file based on your original file and the options you set from the Print dialog box.

A printer driver also allows you to select print options for the Fiery. To do this, the printer driver must be matched with a PPD file for the Fiery.

A PPD file contains information about the features and capabilities of a particular device (for example, what paper sizes and media types are supported). The printer driver reads the information in this file and presents that information to you in the form of options you can choose from the Print dialog box. For information on the specific print options for the Fiery, see the table on page A-113.

Where to set print options

- During Setup

  Some settings are specified during Setup by the administrator. For information on the current default server settings, contact the administrator or the operator.

- From applications

  With the printer drivers, you can specify job settings when you print a job. For information about specifying job settings from applications, see Chapters 1 and 2.

- From Fiery Downloader

  Only a few settings—Copies, Page Range (for PDF files only), and Brightness (for PostScript and EPS files only)—can be specified when printing jobs with Fiery Downloader. To change options in Fiery Downloader, select a job in the Files to be Downloaded (Windows) or Files to Download (Mac OS) list and click Options. For more information, see Chapter 4.

- From ColorWise Pro Tools

  With ColorWise Pro Tools, you can set the default CMYK Simulation Profile, CMYK Simulation Method, RGB Source Profile, RGB Separation, Output Profile, Rendering Style, Spot Color Matching, Pure Black Text/Graphics, and Black Overprint settings. For more information on using ColorWise Pro Tools, see Chapter 3 of the *Color Guide*.

- From Hot Folders

  You can assign a group of print options for a Hot Folder. When you specify print options for a Hot Folder, the print options are assigned to all jobs sent through that Hot Folder. These print options override any default options. For more information, see Chapter 6.

- Overrides from the job management tools

  To change job settings from Command WorkStation/Command WorkStation LE, double-click a job to display the Job Properties dialog box. To change job settings from Fiery Spooler, double-click a job to display the Override Print Settings dialog box. For more information, see the *Job Management Guide*.

Print option override hierarchy

The override hierarchy is as follows:

- A user's printer driver settings override the Fiery Setup and ColorWise Pro Tools settings.
- Settings made from the job management tools override the user's printer driver settings.

Default settings

In the following table, underlined settings in the Option and settings column indicate default printer driver settings (PPD defaults). If you do not use the printer driver interface to configure a particular option, the Sharp AR-C360P prints the job with the underlined setting.

For options that can be configured in Setup from the Sharp AR-C360P Control Panel, Command WorkStation/Command WorkStation LE, WebSetup, or ColorWise Pro Tools, choosing Printer's default results in the Sharp AR-C360P printing the job with the Setup setting specified. For options that cannot be configured in Setup, the Sharp AR-C360P prints the job with a pre-configured Printer's default setting. For more information, see the Requirements, constraints, and information column.

To determine the current Setup defaults, print the Configuration page from Command WorkStation/Command WorkStation LE or the Sharp AR-C360P Control Panel.

Option and settings (default setting is underlined)	Description	Requirements, constraints, and information
2-Sided Printing False/Long Edge Binding/Short Edge Binding	Select False for simplex (single-sided) printing. Select Short Edge Binding for duplex (double-sided) printing with both sides using the same short edge. Select Long Edge Binding for duplex printing with both sides using the same long edge.	For more information, see page A-126.
Auto Trapping **Off/On**	Specify whether the job should automatically trap text and graphics independently of their application.	
Black Detection **On/Off**	Select Off if your job consists of black-only text pages combined with a significant number of color pages. Select On if you are printing a predominantly black and white job.	Color Mode/Print Mode must be set to CMYK, Standard Color, or Expert Color.
Black Overprint **Printer's default/Off/Text/Text/Graphics**	Select Off to print black text and graphics with knockouts. Select Text to overprint black text. Select Text/Graphics to overprint black text and graphics.	The Printer's default setting reflects the setting specified in Fiery Setup. For Windows, choose Expert Color as the Color Mode to access this option. If this option is set to Text or Text/Graphics, the Combine Separations option must be set to Off. For more information, see Chapter 1 of the *Color Guide*.
Booklet Imposition **Off/Booklet**	Specify to arrange the pages of your job in special layouts for folding or cutting after printing.	For more information, see page A-126.

Option and settings (default setting is underlined)	Description	Requirements, constraints, and information
Brightness Printer's default/85% Lightest 90% Lighter/95% Light/ 100% Normal/105% Dark 110% Darker/115% Darkest	Select 85% for a substantially lighter image, 115% for a substantially darker image, or use one of the settings in between.	The Printer's default setting produces the same result as the 100% setting.
CMYK Simulation Method Printer's default/Quick/ Full (Source GCR) /Full (Output GCR)/ With CRD	Select Quick to use one-dimensional transfer curves to adjust density output of individual color channels. Select Full (Source GCR) for a more complete and accurate simulation by applying colorimetric transformations that adjust hue as well as output density. This option produces output that maintains the same amount of black as the source document. Select Full (Output GCR) to apply the same simulation method as Full (Source GCR), except that the output produced contains a black amount determined by the output profile.	The Printer's default setting reflects the setting specified in Fiery Setup. For Windows, choose Expert Color as the Color Mode to access this option. For more information, see Chapter 1 of the *Color Guide*.
CMYK Simulation Profile Printer's default/SWOP-Coated/ DIC/Euroscale/Simulation-1/ Simulation-2/Simulation-3/ Simulation-4/Simulation-5/ Simulation-6/Simulation-7/ Simulation-8/Simulation-9/ Simulation-10/None/Match Copy	Specify the simulation goal to be used for the current print job.	The Printer's default setting reflects the setting specified in Fiery Setup. For Windows, choose Expert Color as the Color Mode to access this option. For more information, see Chapter 1 of the *Color Guide*.

Option and settings (default setting is underlined)	Description	Requirements, constraints, and information
Color Mode **Printer's default/CMYK/ Grayscale** **(from Mac OS)** **OR** **Print Mode** **Standard Color/Expert Color/Grayscale** **(from Windows)**	Specify the color mode for the current print job. Select CMYK, Standard Color, or Expert Color for a full-color document. Select Grayscale for a grayscale or black-and-white document.	The Printer's default setting reflects the setting specified in Fiery Setup. The options differ depending on which driver you use. For Windows, you must choose Expert Color to set other color print options, including Pure Black Text/Graphics.
Combine Separations **Off/On**	When printing separations from supported desktop publishing applications: Select On to combine separations on a single page. Select Off to view separations as four individual black-and-white pages, each representing one color plate.	For more information, see Chapter 1 of the *Color Guide*.
Copies **1-999**	Specify the number of copies of the job to print.	Do not enter a value greater than 999.
Create Master **None/1-15**	To create a FreeForm master from this job, specify a number to assign to the FreeForm master file.	For more information, see page 5-71. Command WorkStation/ Command WorkStation LE allows you to select up to 100 FreeForm Masters.
Destination **Normal Print/Secure Print**	Specify the location to output the print job.	Select Secure Print if you are printing secured jobs that must be selected at the Sharp AR-C360P with a PIN. See the Job PIN option to enter the PIN.

Option and settings (default setting is underlined)	Description	Requirements, constraints, and information
Face-Down Printing **Printer's default/Face Up/ Face Down**	Select Face Up to print your document on the top of the paper. Select Face Down to print your document on the bottom of the paper (that is, the document will output from the Sharp AR-C360P with the text facing down).	
Group Name	If Printing Groups is enabled, and the Fiery administrator has assigned users to print groups and passwords to each group, enter the appropriate Group Name for the print job.	
Group Password	If Printing Groups is enabled, and the Fiery administrator has assigned users to print groups and passwords to each group, enter the appropriate Group Password for the print job.	
Image Mode **Standard/Best**	Specify the image quality for your job.	

Option and settings (default setting is underlined)	Description	Requirements, constraints, and information
Image Smoothing **Printer's default/Automatic/ Off/On/** **Below 90 ppi/Below 150 ppi/** **Below 200 ppi/Below 300 ppi**	Select On to minimize grainy output when printing low-resolution images. When you select On, image smoothing will be enforced on all images. Select Automatic if you want to use smoothing only when it makes a visible difference. When the image is below 150 ppi, image smoothing will be applied automatically. Select Below 90 ppi, Below 150 ppi, Below 200 ppi, or Below 300 ppi to apply image smoothing to those images whose effective resolution is below the specified ppi value that you choose.	The Printer's default setting reflects the setting specified in Fiery Setup. If you create an EPS file in Photoshop, the settings specified from Photoshop take effect.
Instructions	Enter instructions for the operator about the job.	
Job PIN	Enter the PIN for a secure print job (if you have set Destination to Secure Print).	
Media Type **Plain Paper/Transparency/ Labels/** **Recycled/Rough/Glossy/ Bond/** **Cardstock/Letterhead**	Specify the media type to use for the entire job.	Select Transparency if you will be printing on transparencies. The Transparency setting is only supported with the Manual Feed tray.
Media Weight **Printer Setting/Light/ Medium Light/Medium/ Medium Heavy** **Heavy/Ultra Heavy 1/Ultra Heavy 2/** **Ultra Heavy 3**	Specify the weight of the media for the job.	

Option and settings (default setting is underlined)	Description	Requirements, constraints, and information
Mixed Media **No/ (define mixed media)**	Click Define to specify media types for specific pages.	For more information, see page A-127.
Notes 1	Enter information about the job.	The Notes 1 field has a 32-character limit.
Optimize PowerPoint **Off/On**	Select On when printing PowerPoint files to the Fiery.	For more information, see page A-131.
Orientation **Portrait/Landscape/Rotated Landscape**	Specify the orientation of the document. Select Rotate 180 to rotate the pages of a landscape-oriented job 180 degrees.	
(Other) Gamma **Printer's default/1.0/1.2/ 1.4/1.6/1.8/2.0/2.2/2.4/ 2.6/2.8/3.0**	Specify a source gamma value for printing RGB images, objects, and text.	Setting this option to Printer's default produces the same result as the 2.2 setting. For more information, see Chapter 1 of the *Color Guide*.
(Other) Phosphors **Printer's default/Hitachi EBU/Hitachi-Ikegami/ NTSC/** **Radius Pivot/SMPTE/ Trinitron**	Specify a source phosphors value for printing RGB images, objects, and text.	The Printer's default setting produces the same result as the SMPTE setting. For more information, see Chapter 1 of the *Color Guide*.
(Other) White Point **Printer's default/5000 K (D50)/** **5500 K/6500 K (D65)/7500 K/9300 K**	Specify a source white point value for printing RGB images, objects, and text.	The Printer's default setting produces the same result as the 5000K setting. For more information, see Chapter 1 of the *Color Guide*.
Output Profile **Printer's default/ Output-1/Output-2/ Output-3/Output-4/ Output-5/Output-6/ Output-7/Output-8/ Output-9/Output-10**	Specify the output profile to use for the current print job.	The Printer's default setting reflects the setting specified in ColorWise Pro Tools. For Windows, choose Expert Color as the Color Mode to access this option. For more information, see Chapter 1 of the *Color Guide*.

Option and settings (default setting is underlined)	Description	Requirements, constraints, and information
Output Tray **Face Down Bin/Face Up Bin/ Finisher (Face-up)/ Finisher (Face-down)**	Specify the output bin for the print job.	
Page Order **Forward/Reverse**	Select Forward to print the pages of your job from first to last. Select Reverse to print the pages of your job from last to first.	
Page Range **All/Even/Odd**	Specify if you want to print all pages or just even or odd pages.	This option can be set from the job management tools.
Page Size **A4 LEF/A4 SEF/Letter LEF/ Letter SEF/Legal SEF/Legal 13 SEF/B4 SEF/A5 SEF/ IndexCard SEF/Large Business Card SEF/Small Business Card SEF/B5 LEF/ B5 SEF/A6 SEF/Monarch LEF/DL LEF/C5 SEF/Com-10 LEF/Executive SEF/A3 SEF/ A3 Nobi/C4 SEF/Com9 LEF/ Legal13.5 SEF/Tabloid/A3 Wide/Tabloid Extra/ PostScript Custom Page Size/A4/A3/Legal/Letter**	Specify the size of the paper on which to print the document.	
Paper Source **AutoSelect/Tray1/Tray2/ Tray3/ Tray4/Tray5/Manual Feed/Multi Purpose Tray**	Specify the paper tray to use for your job.	The AutoSelect setting automatically selects the tray containing the paper size specified for the job. If you select Manual Feed, you must load the appropriate paper in the Manual Feed tray and select the correct paper size for the print job. Otherwise a paper jam might occur.

Option and settings (default setting is underlined)	Description	Requirements, constraints, and information
Print Master **Printer's default/Yes/No**	When you create a Master page from an application and set this option to Yes, the Master file will print. If the option is No, when you try to print the file, it will not print.	This option is selectable only if Create Master is enabled.
Print Mode	See Color Mode.	
Proof Print **Off/On**	Specify On to store a print job and print only one copy. The remaining copies will print after the user enters information from the Sharp AR-C360P panel.	
Punch Edge **None/Left/Right/Top**		
Punch Option **Off/2 Hole Punch/2 Hole Punch (80 mm)/3 Hole Punch/4 Hole Punch/4 Hole Punch Grouped**		
Pure Black Text/Graphics **Printer's default/Off/On**	Select Off to print black text and graphics as a four-color black using C, M, Y, and K toner, and to use normal PostScript rendering. Select On to print black text and graphics as a one-color black, using 100% black toner only.	The Printer's default setting reflects the setting specified in Fiery Setup. For Windows, choose Expert Color as the Print Mode to access this option. For more information, see Chapter 1 of the *Color Guide*.
Remove White PPT Background **No/Yes**	Select Yes when using PowerPoint to create variable data in conjunction with FreeForm.	

Option and settings (default setting is underlined)	Description	Requirements, constraints, and information
Rendering Style **Printer's default/ Photographic/Presentation/ Relative Colorimetric/ Absolute Colorimetric**	Specify a default color rendering dictionary (CRD) to use when you print RGB images, objects, and text.	The Printer's default setting reflects the setting specified in Fiery Setup. For Windows, choose Expert Color as the Color Mode to access this option. For more information, see Chapter 1 of the *Color Guide*.
Resolution **Fine (1200x600 dpi)/Fast (600x600 dpi)/Normal (1200x1200 dpi)**		
RGB Separation **Printer's default/Output/ Simulation**	Select Output for RGB jobs you are printing to the Sharp AR-C360P. Select Simulation for RGB jobs for which you want to simulate an output device other than the Sharp AR-C360P.	The Printer's default setting reflects the setting specified in Fiery Setup. For Windows, choose Expert Color as the Color Mode to access this option.
RGB Source Profile **Printer's default/EFIRGB/ sRGB (PC)/ Apple Standard/ Other/Source-1/ Source-2/ Source-3/Source-4/ Source-5/ Source-6/ Source-7/Source-8/ Source-9/ Source-10/None**	Specify a source color space definition for printing RGB images, objects, and text.	The Printer's default setting reflects the setting specified in Fiery Setup. For Windows, choose Expert Color as the Color Mode to access this option. For more information, see Chapter 1 of the *Color Guide*.
Scale **25-400%** **100%**	Specify a scaling override for your print job.	This option is available only as an override from the job management tools. For more information, see page A-131. **Note:** The supported range is 25 to 400. **Note:** This option is *not* the same as the Scale option available from the printer driver.

Option and settings (default setting is underlined)	Description	Requirements, constraints, and information
Screen Selection **Dot Screen/Line Screen (Auto)/ Line Screen (Detail)/ Line Screen (Smooth)**		
Sort Mode **Off/Collate**	Specify how to output multiple-page/multiple-copy jobs.	
Spot Color Matching **Printer's default/Off/On**	Select Off to print specified PANTONE colors in your job using the current CMYK Simulation and CMYK Simulation Method. Select On to activate the PANTONE Lookup Table. The Sharp AR-C360P prints specified PANTONE colors in your job by matching the CMYK print blend to the same color from the PANTONE library.	The Printer's default setting reflects the setting specified in Fiery Setup. For Windows, choose Expert Color as the Color Mode to access this option. For more information, see Chapter 1 of the *Color Guide*.
Stapler Mode **Off/Top Left Horizontal (one)/Top Left Vertical (one)/Top Right Horizontal (one)/Top Right Vertical (one)/Left (two)/Right (two)/Top (two)/Saddle Stitch**	Specify how to staple multiple-page/multiple-copy jobs.	
Toner Saving **On/Off**	Select On if you want to conserve the amount of toner used when printing a job.	

Option and settings (default setting is underlined)	Description	Requirements, constraints, and information
Use Master **None/1-15**	For variable data print jobs, specify a FreeForm master number to be used for the job.	For more information, see page 5-71. Command WorkStation/ Command WorkStation LE allows you to select up to 100 FreeForm Masters. For more information on creating FreeForm masters in Command WorkStation/ Command WorkStation LE, see the *Job Management Guide*.

More about print options

The following sections provide additional information about print options. For more information on the settings, requirements, and constraints in effect for these options, see the preceding table.

Booklet

If Off is selected, the job will print from the first page to the last. If Booklet is selected, the job will print like a booklet with the binding on the left side. In order to print booklets, the job file must consist of smaller page sizes, and print on larger page sizes.

2-Sided Printing

To print 2-sided (duplex) pages

1. **Choose Print in your application and locate the 2-Sided print option.**

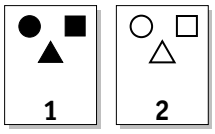
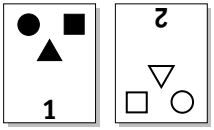
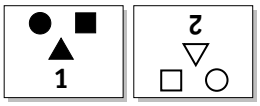
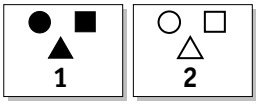
   The location of Sharp AR-C360P print options varies, depending on the printer driver you are using.

2. **Choose one of the 2-Sided Printing settings:**

   Short Edge Binding—For portrait jobs, prints the top of the image on side 1 on the opposite edge of the page from the top of the image on side 2; for landscape jobs, prints the top of the image on side 1 on the same edge of the page as the top of the image on side 2.

   Long Edge Binding—For portrait jobs, prints the top of the image on side 1 on the same edge of the page as the top of the image on side 2; for landscape jobs, prints the top of the image on side 1 on the opposite edge of the page from the top of the image on side 2.

The following table shows how the Duplex settings correspond to printed output:The following table shows how the Duplex settings correspond to printed output:

	Long Edge Binding	Short Edge Binding
Portrait		
Landscape		

Mixed Media

With the Mixed Media feature, you can print ranges of pages on different types of media. You can specify the Mixed Media settings when you print the job with the Fiery printer driver for Windows. For example, you can use this option to specify a different media type for the cover, add blank pages, and specify duplex printing on parts of the job. The Mixed Media settings can also be defined or modified from Command WorkStation/Command WorkStation LE (see *Job Management Guide Chapter 3*).

The following procedures describe how to define, edit, and delete the Mixed Media settings in the Windows printer driver.

Note: The Mixed Media settings are not available in the Mac OS printer driver.

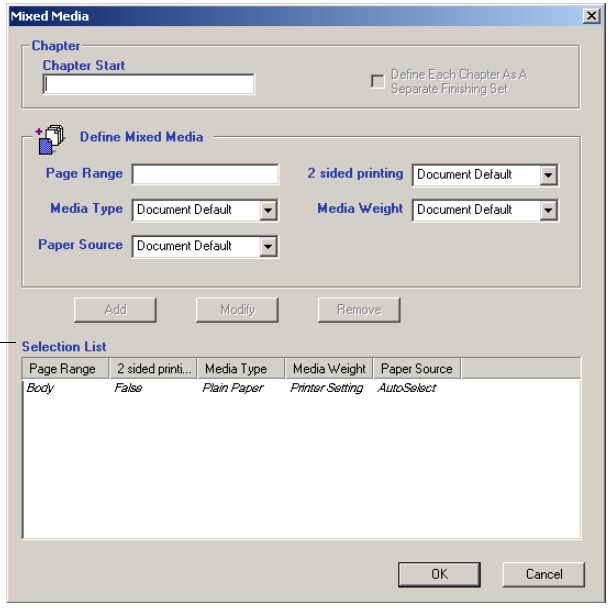
Note: The Mixed Media feature does not work on the following jobs: variable data printing, N-up, and imposition (booklet).

Note: If you apply the Mixed Media feature to FreeForm jobs, a master page may be printed on pages that should be blank.

To print using mixed media on Windows computers

1. **Choose Print in your application and click Properties.**
2. **Click the Fiery Printing tab.**
3. **Click the Paper Source print option bar, and then click Define.**

   The Mixed Media dialog box appears.



Selection List

Note:Information in *italics* in the Selection List is the default media type for the job. If a range uses this default media type, there is no need to list the range. The term “Body” does not necessarily refer to what you consider the body of the document to be; it means the media type for pages that are not represented in the list with a particular media type.

4. **Enter a starting page number for each chapter in the Chapter start field if your job consists of multiple chapters and is printed duplex.**

   Defining Chapter start guarantees an even number of pages to be printed in each chapter. It is recommended to use this field when you print a duplex multi-chapter document. Separate the page numbers by commas. For example, if the chapters in a 4-chapter document start on pages 1, 2, 34, and 56, enter 1,2,34,56.

   Note:Enter all chapter starting page numbers, separated by commas. Your entry in the Chapter start field applies to the entire document regardless of the Page Ranges you specify in the Define Mixed Media area.

5. **For each page range, enter the page numbers and specify the options for that range.**

   You can choose your specifications from the following options:

   Page Range—Enter a page number or the range of page numbers. Use a hyphen to define a range of sequential pages. For example, 1-3 prints the first three pages on a particular media type. The range -14 prints the first 14 pages; 5- prints Page 5 through the end of the document. If all the pages in multiple ranges use the same media type, you can combine ranges with a comma; for example, 4-5, 9-10.

   You can insert a blank page by entering ^. For example, entering ^6 into the Page Range option inserts a blank page before page 6.

   Note: You cannot combine a single page with page ranges.

   Media Type—Select a type of media you want to use for the range.

   Paper Source—Select a paper tray with a media you want to use for the range. The media type must be assigned to a tray at the Sharp AR-C360P control panel.

   Note:Document Default represents the setting you make outside the Mixed Media dialog box. For example, if you set Paper Source to Tray 1 under the Paper Source print option bar, Document Default for Paper Source in the Mixed Media dialog box is equal to Tray 1.

   2 sided printing—Select Long Edge Binding or Short Edge Binding if you want to print on both sides of the paper.

Media Weight—Select a weight that is appropriate for the media type.

Note:If options are not specified for page(s) that fall between specified pages or page ranges in the Selection List, those page(s) are printed with the Body specifications. The Body specifications are the print option settings for all documents currently selected for the printer driver.

Note:Make sure to load the correct media types into the correct drawers as defined in the Mixed Media dialog box, as well as under the Paper Source print option bar.

6. **Click Add.**

   Your specifications appear in the Selection List.

7. **Repeat step 5 and step 6 for each page or page range you want to print with mixed media options.**

To modify mixed media settings

1. **Choose Print in your application and click Properties.**
2. **Click the Fiery Printing tab.**
3. **Click the Paper Source print option bar, and then click Define.**

   The Mixed Media dialog box appears.

4. **Select the item you want to modify in the Selection List.**
5. **Specify the new settings as described on page A-129.**
6. **Click Modify.**
7. **Click OK.**

To delete mixed media settings

1. **Choose Print in your application and click Properties.**
2. **Click the Paper Source print option bar, and then click Define.**

   The Mixed Media dialog box appears.

3. **Select the item you want to delete in the Selection List.**

4. **Click Remove.**
5. **Click OK.**

Optimize PowerPoint

This option improves processing time for PowerPoint jobs that have a large background image size (at least 200 dpi) or a large number of pages on which the background image is placed. If you enable this option on PowerPoint jobs with background images 100 dpi or less, the Fiery can experience a minor performance delay, usually no more than one or two seconds.

Scale

The operator can specify a scaling override from Fiery Spooler, but the override is applied to any scaling value already set in the active job. For example, if a user sends a job with a scaling value of 50% and the operator specifies a Scale override of 200%, the job is printed at 100% of the original document size, that is, 50% of 200%.

Appendix B: Font List

This appendix lists the built-in printer fonts included with your Sharp AR-C360P.

PostScript printer fonts

The following table lists the 136 built-in PostScript printer fonts on the Sharp AR-C360P. In addition to these fonts, two Adobe Multiple Master fonts are included and used for font substitution in PDF files.

Note:For Mac OS computers, install the corresponding screen fonts from the User Software CD. For instructions, see the *User Software Installation Guide*.

Adobe Type 1 fonts

The Fiery includes 126 Adobe Type 1 fonts:

- The Mac OS column lists the name as it appears on the Font menu on a Mac OS computer. For example, in most applications, to use "Bodoni-Bold," choose Bodoni Bold from the Font menu.
- The Windows menu name is the name as it appears on the Font menu on a Windows computer. The style refers to the style that must be selected in the application to access the particular PostScript font. For example, to use "Bodoni-Bold," choose Bodoni from the Font menu and Bold from the Style menu.

PostScript name	Mac OS menu name	Windows menu name, style
AlbertusMT-Light	Albertus MT Lt	Albertus MT Lt
AlbertusMT	Albertus MT	Albertus MT
AlbertusMT-Italic	Albertus MT It	Albertus MT, Italic
AntiqueOlive-Roman	Antique Olive Roman	Antique Olive Roman
AntiqueOlive-Bold	Antique Olive Bold	Antique Olive Roman, Bold
AntiqueOlive-Italic	Antique Olive Italic	Antique Olive Roman, Italic
AntiqueOlive-Compact	Antique Olive Compact	Antique Olive Compact

PostScript name	Mac OS menu name	Windows menu name, style
Arial-BoldItalicMT	Arial Bold Italic	Arial, Bold Italic
Arial-BoldMT	Arial Bold	Arial, Bold
Arial-ItalicMT	Arial Italic	Arial, Italic
ArialMT	Arial	Arial
AvantGarde-Book	Avant Garde	AvantGarde
AvantGarde-Demi	Avant Garde Demi	AvantGarde, Bold
AvantGarde-BookOblique	Avant Garde BookOblique	AvantGarde, Italic
AvantGarde-DemiOblique	Avant Garde DemiOblique	AvantGarde, Bold Italic
Bodoni	Bodoni	Bodoni
Bodoni-Bold	Bodoni Bold	Bodoni, Bold
Bodoni-Italic	Bodoni Italic	Bodoni, Italic
Bodoni-BoldItalic	Bodoni BoldItalic	Bodoni, Bold Italic
Bodoni-Poster	Bodoni Poster	Bodoni Poster
Bodoni-PosterCompressed	Bodoni PosterCompressed	Bodoni PosterCompressed
Bookman-Light	Bookman	Bookman
Bookman-Demi	Bookman Demi	Bookman, Bold
Bookman-LightItalic	Bookman LightItalic	Bookman, Italic
Bookman-DemiItalic	Bookman DemiItalic	Bookman, Bold Italic
Carta	Carta	Carta
Clarendon-Light	Clarendon Light	Clarendon Light
Clarendon	Clarendon	Clarendon
Clarendon-Bold	Clarendon Bold	Clarendon, Bold
CooperBlack	Cooper Black	Cooper Black
CooperBlack-Italic	Cooper Black Italic	Cooper Black, Italic
Copperplate-ThirtyThreeBC	Copperplate33bc	Copperplate33bc
Copperplate-ThirtyTwoBC	Copperplate32bc	Copperplate32bc
Coronet	Coronet	Coronet
Courier	Courier	Courier
Courier-Bold	Courier Bold	Courier, Bold
Courier-Oblique	Courier Oblique	Courier, Italic
Courier-BoldOblique	Courier BoldOblique	Courier, Bold Italic

PostScript name	Mac OS menu name	Windows menu name, style
Eurostile	Eurostile	Eurostile
Eurostile-Bold	Eurostile Bold	Eurostile Bold
Eurostile-ExtendedTwo	Eurostile ExtendedTwo	Eurostile ExtendedTwo
Eurostile-BoldExtendedTwo	Eurostile BoldExtendedTwo	Eurostile ExtendedTwo, Bold
GillSans	GillSans	GillSans
GillSans-Bold	GillSans Bold	GillSans, Bold
GillSans-Italic	GillSans Italic	GillSans, Italic
GillSans-BoldItalic	GillSans BoldItalic	GillSans, Bold Italic
GillSans-Light	GillSans Light	GillSans Light
GillSans-LightItalic	GillSans LightItalic	GillSans Light, Italic
GillSans-Condensed	GillSans Condensed	GillSans Condensed
GillSans-BoldCondensed	GillSans BoldCondensed	GillSans Condensed, Bold
GillSans-ExtraBold	GillSans ExtraBold	GillSans ExtraBold
Goudy	Goudy	Goudy
Goudy-Bold	Goudy Bold	Goudy, Bold
Goudy-Italic	Goudy Italic	Goudy, Italic
Goudy-BoldItalic	Goudy BoldItalic	Goudy, Bold Italic
Goudy-ExtraBold	Goudy ExtraBold	Goudy ExtraBold
Helvetica	Helvetica	Helvetica
Helvetica-Bold	Helvetica Bold	Helvetica, Bold
Helvetica-Oblique	Helvetica Oblique	Helvetica, Italic
Helvetica-BoldOblique	Helvetica BoldOblique	Helvetica, Bold Italic
Helvetica-Narrow	Helvetica Narrow	Helvetica-Narrow
Helvetica-Narrow-Bold	Helvetica Narrow Bold	Helvetica-Narrow, Bold
Helvetica-Narrow-Oblique	Helvetica Narrow Oblique	Helvetica-Narrow, Italic
Helvetica-Narrow-BoldOblique	Helvetica Narrow BoldObl	Helvetica-Narrow, Bold Italic
Helvetica-Condensed	Helvetica Condensed	Helvetica Condensed
Helvetica-Condensed-Bold	Helvetica CondensedBold	Helvetica Condensed, Bold
Helvetica-Condensed-Oblique	Helvetica CondensedOblique	Helvetica Condensed, Italic

PostScript name	Mac OS menu name	Windows menu name, style
Helvetica-Condensed-BoldObl	Helvetica CondensedBoldObl	Helvetica Condensed, Bold Italic
HoeflerText-Ornaments	Hoefler Text Ornaments	Hoefler Text Ornaments
JoannaMT	Joanna MT	Joanna MT
JoannaMT-Bold	Joanna MT Bd	Joanna MT, Bold
JoannaMT-Italic	Joanna MT It	Joanna MT, Italic
JoannaMT-BoldItalic	Joanna MT Bd It	Joanna MT, Bold Italic
LetterGothic	Letter Gothic	Letter Gothic
LetterGothic-Bold	Letter Gothic Bold	Letter Gothic, Bold
LetterGothic-Slanted	Letter Gothic Slanted	Letter Gothic, Italic
LetterGothic-BoldSlanted	Letter Gothic BoldSlanted	Letter Gothic, Bold Italic
LubalinGraph-Book	Lubalin Graph	LubalinGraph
LubalinGraph-Demi	Lubalin Graph Demi	LubalinGraph, Bold
LubalinGraph-BookOblique	Lubalin Graph BookOblique	LubalinGraph, Italic
LubalinGraph-DemiOblique	Lubalin Graph DemiOblique	LubalinGraph, Bold Italic
Marigold	Marigold	Marigold
MonaLisa-Recut	Mona Lisa Recut	Mona Lisa Recut
NewCenturySchlbk-Roman	New Century Schlbk	NewCenturySchlbk
NewCenturySchlbk-Bold	New Century Schlbk Bold	NewCenturySchlbk, Bold
NewCenturySchlbk-Italic	New Century Schlbk Italic	NewCenturySchlbk, Italic
NewCenturySchlbk-BoldItalic	New Century Schlbk BoldIt	NewCenturySchlbk, Bold Italic
Optima	Optima	Optima
Optima-Bold	Optima Bold	Optima, Bold
Optima-Italic	Optima Italic	Optima, Italic
Optima-BoldItalic	Optima BoldItalic	Optima, Bold Italic
Oxford	Oxford	Oxford
Palatino-Roman	Palatino	Palatino
Palatino-Bold	Palatino Bold	Palatino, Bold
Palatino-Italic	Palatino Italic	Palatino, Italic
Palatino-BoldItalic	Palatino BoldItalic	Palatino, Bold Italic

PostScript name	Mac OS menu name	Windows menu name, style
StempelGaramond-Roman	StempelGaramond Roman	StempelGaramond Roman
StempelGaramond-Bold	StempelGaramond Bold	StempelGaramond Roman, Bold
StempelGaramond-Italic	StempelGaramond Italic	StempelGaramond Roman, Italic
StempelGaramond-BoldItalic	StempelGaramond BoldItalic	StempelGaramond Roman, Bold Italic
Symbol	Symbol	Symbol
Tekton	Tekton	Tekton
Times-Roman	Times	Times
Times-Bold	Times Bold	Times, Bold
Times-Italic	Times Italic	Times, Italic
Times-BoldItalic	Times BoldItalic	Times, Bold Italic
TimesNewRomanPS-BoldMT	Times New Roman Bold	Times New Roman, Bold
TimesNewRomanPS-BoldItalicMT	Times New Roman Bold Italic	Times New Roman, Bold Italic
TimesNewRomanPS-ItalicMT	Times New Roman Italic	Times New Roman, Italic
TimesNewRomanPSMT	Times New Roman	Times New Roman
Univers-Extended	Univers Extended	Univers Extended
Univers-BoldExt	Univers BoldExt	Univers Extended, Bold
Univers-ExtendedObl	Univers ExtendedObl	Univers Extended, Italic
Univers-BoldExtObl	Univers BoldExtObl	Univers Extended, Bold Italic
Univers-Light	Univers 45 Light	Univers 45 Light
Univers-Bold	Univers 65 Bold	Univers 45 Light, Bold
Univers-LightOblique	Univers 45 LightOblique	Univers 45 Light, Italic
Univers-BoldOblique	Univers 65 BoldOblique	Univers 45 Light, Bold Italic
Univers	Univers 55	Univers 55
Univers-Oblique	Univers 55 Oblique	Univers 55, Italic
Univers-CondensedBold	Univers 67 CondensedBold	Univers 47 CondensedLight, Bold

PostScript name	Mac OS menu name	Windows menu name, style
Univers-CondensedBoldOblique	Univers 67 CondensedBoldObl	Univers 47 CondensedLight, Bold Italic
Univers-Condensed	Univers 57 Condensed	Univers 57 Condensed
Univers-CondensedOblique	Univers 57 CondensedOblique	Univers 57 Condensed, Italic
ZapfChancery-MediumItalic	Zapf Chancery	ZapfChancery
ZapfDingbats	Zapf Dingbats	ZapfDingbats

TrueType fonts

The Sharp AR-C360P includes 10 TrueType fonts:

PostScript name	Mac OS menu name	Windows menu name, style
Apple-Chancery	Apple Chancery	Apple Chancery
Chicago	Chicago	Chicago
Geneva	Geneva	Geneva
HoeflerText-Black	Hoefler Text Black	Hoefler Text Black
HoeflerText-BlackItalic	Hoefler Text BlackItalic	Hoefler Text Black, Italic
HoeflerText-Italic	Hoefler Text Italic	Hoefler Text, Italic
HoeflerText-Regular	Hoefler Text	Hoefler Text
Monaco	Monaco	Monaco
New York	New York	New York
Wingdings-Regular	Wingdings	Wingdings

Appendix C: Troubleshooting

This appendix provides troubleshooting tips.

Maintaining optimal system performance

Beyond the routine requirements of servicing and maintaining the Sharp AR-C360P and replenishing consumables, you can improve the overall performance of your system by doing the following:

- Check job ticket information carefully before printing.

  Print jobs with the same output and paper specifications together, to minimize paper changes. Also, print routine jobs while you prepare to print jobs with special instructions or special media.

- Reduce unnecessary server connections to Command WorkStation/Command WorkStation LE.

  If you use a second or third Fiery on an occasional basis, you can improve performance by logging off when those systems are not in use.

- Avoid printing with the Fiery "Disk full" warning.

  If you see this warning, delete jobs that are not likely to be reused. Avoid this condition by deleting old jobs on a regular basis. The date associated with a job is the original date it was sent.

Troubleshooting

This section provides troubleshooting guidelines. If you are unable to resolve a problem after referring to this section, contact your site operator or administrator. Also, make sure there are no applications installed on the Fiery, with the exception of the Fiery utilities from the User Software CD. Applications other than the Fiery utilities are not supported and can cause system problems.

General printing problems

If this happens	Try this
You cannot connect to the Fiery.	• **Make sure the Sharp AR-C360P is not being calibrated from the Control Panel.** If the Fiery is being calibrated from the Control Panel, you can select it in the Chooser, but you cannot connect to it. This ensures that only one person is calibrating the Fiery at any time and that print jobs do not use unexpected calibration.
You cannot select or view one of the queues.	• **Request that your system administrator enable the queue in Setup.**
You cannot connect to the Fiery from a Windows computer with Command WorkStation or the Fiery utilities.	• **Make sure the connection is configured correctly.** For instructions, see Chapter 1 of the *User Software Installation Guide*.
Printing seems to take too long.	• **Print to a queue instead of to the Direct connection.** When you print to a queue, the job is stored on the Fiery until it can be processed and printed; when you print to the Direct connection, the job cannot be sent to the Fiery until the previous job is finished processing, so you must wait longer to use your computer.

If this happens	Try this
The Fiery does not respond to a Print command.	• **Make sure the Fiery was not disconnected.** If the administrator or operator has selected Suspend Printing on the Sharp AR-C360P Control Panel or Command WorkStation/Command WorkStation LE to interrupt printing, your print job will not resume until someone selects Resume Printing from the Functions menu on the Control Panel or clicks the function key on Command WorkStation/Command WorkStation LE. • **Make sure the Fiery is selected as the current printer.** Before printing, you must select the Fiery as the current printer from your Windows computer, Mac OS computer, or UNIX workstation. • **Make sure the printer is switched on.** Someone may have turned the printer off, or the Power Saver mode function may have engaged. • **If you are printing over an IPX (Novell) network, verify through the PCONSOLE utility that the job was sent to the Novell queue and that the queue is being used by the Fiery.** • **Make sure the job does not contain a PostScript error.** Contact the operator, or use Fiery Spooler to check job status. In Fiery Spooler, a job containing a PostScript error appears in red. To obtain information on the PostScript error, make sure the Print to PS Error option is set to Yes in Fiery Setup. For more information, see Chapter 4 of the *Configuration Guide*.
You cannot print with QuarkXPress 3.32 using the PSPrinter 8.7.2 driver on a Mac OS computer.	• **Remove the file called Balloon Help from your QuarkXPress application folder and restart QuarkXPress.**

Problems with print quality

For information about printing with specific applications and optimizing color output, see the *Color Guide*.

If this happens	Try this
Print settings for your job output do not match the settings you gave.	• **Make sure you did not override the settings for the job in another place.** For information about options and overrides, see Appendix A.

If this happens	Try this
You get poor printing results.	• **Check if your application requires one of the Fiery's printer description files.** Your application may require the Fiery PPD. If you print from Adobe PageMaker, make sure the Fiery PPD is installed correctly. For information about installing this file, see the *User Software Installation Guide*. • **Make sure the system has been calibrated.** For instructions, see Chapter 2 of the *Color Guide*.
The registration or color of an image are not what you expected.	• **Ask the operator to print a Test Page with the printer.** The problem may be with the printer. If your Test Page shows that the printer is working properly, correct the problem within your application. If the Test Page is wrong, your printer may need to be adjusted.
Your printed file appears too dark.	• **Adjust the Brightness option.** You can use the Brightness option when printing from an application or from Fiery Downloader to lighten your image whenever you print a PostScript or Encapsulated PostScript (EPS) file.
Color file prints in black and white.	• **In the Color Matching dialog box, make sure that Color/Grayscale, or ColorSync Color Matching or PostScript Color Matching is selected (not Black and White).** • **Make sure the Color Mode print option is set to an option other than Grayscale.**
Desktop Color Separations (DCS) format images print incorrectly.	• **Make sure you selected the correct options to send separations in the application's Print dialog box.** • **Make sure you have the file for every layer of separation that you are printing.** • **Set the Combine Separations option to On.** This combines the high-resolution files for an image and prints them. With Combine Separations Off, the low-resolution master file will print.
QuickDraw fill patterns print as solids.	• **Use the Adobe PostScript Printer driver (or the Apple LaserWriter 8.3 or later printer driver).**

Problems with Fiery Downloader

If this happens	Try this
General problems.	• **Make sure you are using the latest version.** If you are updating your Fiery to new system software, delete the previous version of Fiery Downloader from your Windows or Mac OS computer and install the latest version to ensure full compatibility. • **Make sure the connection is configured correctly.** For instructions, see the *User Software Installation Guide*.
You cannot print an EPS file using Fiery Downloader.	• **Try printing using the 'showpage' after EPS files (Windows) or 'showpage' (Mac OS) option in the Download PostScript File dialog box.** This option adds a showpage PostScript language command at the end of the print job. Certain applications omit this necessary command when they generate EPS files. You must select the Append Showpage option when printing EPS files generated by these applications. If you continue having difficulties printing an EPS file with Fiery Downloader, try printing the file from the application in which it was created. • **Make sure the EPS file was saved *without* a preview image header.** Preview image headers are useful when images are placed in documents with page layout applications, but they cause problems when images are downloaded directly. • **Make sure the job does not contain a PostScript error.** Contact the operator or use Command WorkStation or Fiery Spooler to check the job's status. Jobs with a PostScript error appear with an Error icon.
You have problems downloading a font with Fiery Downloader.	• **Check with the administrator to make sure that the Direct connection is enabled.** The Direct connection must be used to download fonts.
An extra blank page prints after a Fiery Downloader job.	• **Turn off the 'showpage' after EPS files (Windows) or 'showpage' (Mac OS) option.** This option adds a special PostScript command that will cause an extra blank page to print if it is not necessary.

Problems with Fiery WebTools

If this happens	Try this
General problems.	• **Clear the history (Microsoft Internet Explorer).**

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